The University of North Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Baccalaureate, Master’s, and Doctor of Education Degrees.

Professional Accreditations/Approvals:
AACSBIInternational — 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)
Commission on Accreditation of Allied Health Education Programs (Undergraduate — Athletic Training)
Commission on Accreditation for Dietetics Education (Undergraduate and Graduate — Developmentally Accredited)
Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (Undergraduate — Computer Science)
Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (Undergraduate — Engineering)
Florida Board of Nursing (Undergraduate)
Florida Department of Education (Undergraduate and Graduate)
National Association of Schools of Music
National Council for Accreditation of Teacher Education (Undergraduate and Graduate)
National League for Nursing Accrediting Commission (Undergraduate and Graduate — Nursing)

This catalog is intended to be a description of the policies, academic programs, degree requirements, and course offerings in effect for the 2003-2004 academic year. It should not be construed as an irrevocable contract between the student and the university. The University of North Florida reserves the right to change any policies, academic programs, procedures, or fees described in this catalog and to apply these changes to any or all of its students as required by university, Florida Board of Education, or Florida legislative mandate.
The University of North Florida celebrated its 30th anniversary in 2002, capping more than a quarter century of strong growth and academic excellence. The University was chartered by the state in 1965 and began recruitment of faculty and staff in 1970. The doors opened to a 2,000-member junior and senior student body in 1972. In 1984, UNF admitted its first freshman class, followed by sophomores in 1985. By the fall of 2002, the student body had grown to more than 13,600 students, enrolled in 49 undergraduate, 25 graduate, and one doctoral degree programs. Sixty-eight percent of the students come from the five-county area of Northeast Florida. Students also have come from all 50 states and from 101 foreign countries.

The University's excellent academic reputation has been recognized nationally. UNF's faculty has grown from 117 in 1972 to more than 440 full-time faculty members today teaching in five colleges. The physical plant also has expanded dramatically since 1972 when the campus consisted of a core of a half dozen buildings. Today the campus encompasses 26 major buildings with nearly 2.8 million square feet of space.

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

Access to Excellence

The University of North Florida has launched the three-year public phase of its first comprehensive capital campaign. The initiative, Access to Excellence, is the largest philanthropic drive in Jacksonville’s history, raising more than $78 million.

The Campaign is raising support for four key areas of the University: student scholarships, faculty enrichment, program enhancement, facilities and equipment.

Access to Excellence will support a variety of initiatives designed to provide financial assistance to students including a broad array of scholarships, including the University Scholars program, a merit-based scholarship program targeting highly achieving Florida high school students who stand to benefit from a superior UNF education.

The Campaign will fund endowed faculty positions to allow UNF to recruit and retain faculty who are outstanding scholars and teachers. Support for faculty research and development will translate into enriched learning experiences for students.

Through additional funding for special educational activities, such as study abroad programs and undergraduate research projects, the Campaign will enhance students’ academic experience at UNF.

Funds from the Campaign will be earmarked to provide excellent classrooms, laboratories and equipment. Foremost on the list is funding to equip the new Science and Engineering Building.

The University of North Florida stands on the threshold of becoming one of the foremost public, comprehensive, urban universities in the nation.

Note: Individuals who require reasonable accommodation in order to participate must notify the appropriate department, University of North Florida, 4567 St. Johns Bluff Road South, Jacksonville, FL 32224-2645, at this address and at the phone number indicated at least five working days in advance. Upon request, for individuals with documented print related disabilities, this publication is available in alternate format. Contact the Vice President for Academic Affairs 620-2700 for more information. For persons with hearing or speech impairments, when contacting an office on campus that does not list a TDD number, use the Florida Relay Service at 1-800-955-8771 (TDD).
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Note: All elevators are equipped with emergency phones with direct access to Campus Police.
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### Academic Calendar 2003-2004

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<td>Application deadline for admission for term*</td>
<td>July 2</td>
<td>Nov 7</td>
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<td>Application deadline for admission by international students*</td>
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<td>Deadline to request application for admission to Graphic Design / Multimedia majors</td>
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<td>Sept 16</td>
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<td>Deadline for Graphic Design and Multimedia applicants to submit portfolios for review</td>
<td>March 1</td>
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<td>Application deadline to Master’s Counseling Psychology Program (MACP)</td>
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<tr>
<td>Application deadline to Master’s Counseling Psychology Program (MACP); acceptance on space available basis only</td>
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<td>Application deadline to Master’s General Psychology Program (MAGP)</td>
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<td>Application deadline Master of Science in Applied Sociology</td>
<td>May 1</td>
<td>Oct 1</td>
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<td>Application deadline for Cooperative Education Program</td>
<td>July 25</td>
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<td>March 26</td>
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<td>Application deadline for student teaching</td>
<td>Jan 31</td>
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<td>Application deadline to Master of Education Program in Counselor Education - School Counseling Track</td>
<td>April 11</td>
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<td>Application deadline to Master of Education Program in Counselor Education - Mental Health Counseling Track</td>
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<td>Application deadline to Athletic Training Education Program</td>
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<td>Application deadline for MSH - Nutrition Internship</td>
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<td>Application deadline for Physical Therapy Program</td>
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<tr>
<td>Application deadline for Pre-licensure BSN track</td>
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<tr>
<td>Application deadline for Master of Science in Nursing Primary Care Nurse Practitioner Program (MSN)</td>
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<td>Housing Check-in (tentative)</td>
<td>Aug 23-24</td>
<td>Jan 5</td>
<td>May 8-9</td>
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<td>Classes begin</td>
<td>Aug 25</td>
<td>Jan 7</td>
<td>May 10</td>
<td>June 24</td>
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<td>Application for Graduation</td>
<td>Sept 22</td>
<td>Feb 4</td>
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<td>Registration deadline College-Level Acad. Skills Test (CLAST)</td>
<td>Sept 5</td>
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<tr>
<td>Administration of CLAST</td>
<td>Oct 4</td>
<td>Feb 21</td>
<td>June 5</td>
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<td>Oct 2</td>
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<td>Administration of CLEP; by appointment only. Contact the Office of Academic Testing 620-2927.</td>
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<td>Administration of GMAT, GRE, PRAXIS, TOEFL; by appointment only. Contact the Office of Academic Testing 620-1973.</td>
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<td>Registration deadlines for 2003-2004 Florida Teacher Certification Exam (FTCE) and additional test administration dates will be available in summer 2003 from the FTCE.</td>
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<td>Administration of FTCE</td>
<td>Oct 25</td>
<td>Jan 24</td>
<td>April 17</td>
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<tr>
<td>Classes end</td>
<td>Dec 5</td>
<td>April 23</td>
<td>June 21</td>
<td>Aug 6</td>
<td>Aug 6</td>
<td>July 16</td>
<td>Dec 3</td>
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<td>Final examinations</td>
<td>Dec 6-12</td>
<td>April 24-30</td>
<td>June 21</td>
<td>Aug 6</td>
<td>Aug 6</td>
<td>July 16</td>
<td>Dec 4-10</td>
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<td>Term ends</td>
<td>Dec 12</td>
<td>April 30</td>
<td>June 21</td>
<td>Aug 6</td>
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<td>July 16</td>
<td>Dec 10</td>
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*The semester application for admission deadlines refer to completion of all application procedures including receipt of all required credentials and the completion of department requirements, if any. Applications for admission to limited access programs received after the deadline may be returned unprocessed. Applications for admission to other programs received after the deadline will be reviewed by a committee and will be processed on a space available basis.
Holiday Calendar 2003-2004

The official University calendar will appear on the web site.

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<tr>
<td>Labor Day Holiday</td>
<td>Sept 1</td>
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<td>Veterans Day Holiday</td>
<td>Nov 11</td>
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<tr>
<td>Thanksgiving Holiday</td>
<td>Nov 27-29</td>
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<td>Winter Break Holiday</td>
<td>Dec 15-Jan 6</td>
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<td>Martin Luther King, Jr. Holiday</td>
<td>Jan 19</td>
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<td>Spring Break Holiday</td>
<td>March 15-20</td>
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<td>Memorial Day Holiday</td>
<td>May 31</td>
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<tr>
<td>Independence Day Holiday</td>
<td>July 5</td>
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Religious Holidays commonly observed by UNF students/staff.

Christian Holidays:
- December 25, 2003 - Christmas
- April 11, 2004 - Easter
- April 18, 2004 - Eastern Orthodox Easter

Hindu Holidays:
- August 20, 2003 - Janmashtami - Krishna’s Birthday
- August 31, 2003 - Ganesh Chathurthi
- October 3, 2003 - Durgashtami
- October 5, 2003 - Vijaya Dasami
- October 25, 2003 - Deepavali - Festival of Lights
- January 14, 2004 - Sankaranthi - Harvest Festival
- February 19, 2004 - Mahasivarathri
- March 6, 2004 - Holi - Spring Festival coincides with Hindu New Year
- March 30, 2004 - Sri Rama Navami

Islamic Holidays:
- October 27, 2003 - Ramadan begins
- November 26, 2003 - Eid-al-Fitr - three day holiday at the end of Ramadan
- February 2, 2004 - Eid-al-Adha - three day holiday which corresponds to the visit to Mecca
- February 22, 2004 - Muharram - Islamic New Year
- May 2, 2004 - Mawlid al-Nabi - Muhammed’s Birthday

Jewish Holidays:
- September 26 (Sundown) - September 28, 2003 - Rosh Hashanah
- October 5 (Sundown) - October 6, 2003 - Yom Kippur
- December 19 (Sundown) - December 27, 2003 - Chanukah
- April 5 (Sundown) - April 7, 2004 - 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 a capital “N” in which the geographical outline of the state of Florida is inscribed. It is always used with the words “University of North Florida.” The symbol appears on official University stationery, business cards, envelopes, labels, 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 Office of News and Publications, Building 830.

The Athletics Logo
The stylized osprey in a bold circle creates a uniform visual identity for UNF athletics.

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 six feet — is capable of diving 80 mph in pursuit of fish, which constitute its main diet.

UNF’s mascot has the characteristics that UNF students hope to have when they graduate. Ospreys have been described as seemingly inexhaustible, tenacious, opportunistic, cosmopolitan, loyal to their species, adaptable, resilient and fond of living near other ospreys. Described as “trendy birds” in National Geographic magazine for their success in adapting to suburban neighborhoods, ospreys also are into recycling. Children’s toys, plastic foam containers, cork buoys and doormats are many of the items they use to construct their gigantic nests. Ospreys, like UNF alumni, reside on all continents, except Antarctica.

To commemorate UNF’s commitment to the environment and its adoption of the osprey as its mascot, the University of North Florida Foundation Inc. commissioned a watercolor painting of the osprey by noted ornithologist and wildlife artist Frederick William Wetzel of Jacksonville. The painting hangs permanently in the second-floor lounge of the Thomas G. Carpenter Library.
The University of North Florida (UNF) is one of eleven public colleges and universities in Florida. It is a comprehensive, urban university which offers degree programs at the baccalaureate, master’s and doctoral levels. Initially established as an upper division and master’s degree granting institution, UNF began offering classes in 1972 to a 2,000-member student body. In 1984, freshmen and sophomores were admitted.

The University of North Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the Baccalaureate, Master’s, and Doctor of Education Degrees. 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 Sciences and Engineering, the undergraduate computer science program is accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). The undergraduate electrical engineering program is 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 special 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 College of Health, the baccalaureate and graduate nursing programs are accredited by the National League for Nursing Accrediting Commission. The nutrition and dietetics program has Commission for Accreditation for Dietetics Education developmental accreditation. The Athletic Training education program is accredited by the Commission on Accreditation of Allied Health Education Programs.

UNF has been identified as one of the most selective comprehensive universities in America. In 2002-2003, nearly one out of every 3 freshman applicants enrolled in the fall class. With a mean SAT score of 1137 and grade point average of 3.6, UNF’s 2002-2003 freshman class reflected the University’s commitment to high-quality undergraduate education. The minimum scores typically expected for admission are a sliding scale equivalent of 1000 on the SAT (or the ACT equivalent) and a GPA of 3.0.

Academic programs at UNF are built on a strong foundation in the traditional arts and sciences. UNF offers 49 undergraduate degree programs with 97 areas of concentration, 24 master’s degree programs with 54 areas of concentration through its College of Arts and Sciences, Coggin College of Business, College of Computing Sciences and Engineering,
The primary function of the University is to equip students with a strong general education foundation. It also prepares students who are well-grounded in their academic specialty, capable of meeting the demands of their professional and societal responsibilities, and able to adapt to the changing global environment. Students are introduced to the central theoretical concerns of their discipline as well as to practical skills suitable to the workforce. The acquisition of these skills and aforementioned bodies of knowledge serves as an indicator for measuring the quality of the graduates who earn degrees at UNF.

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

Educational programs, both those which are longstanding and those that have been newly developed, attempt to respond to and support regional needs and priorities. Faculty research, a necessary component to teaching readiness, also addresses the critical concerns of the community and the region.

New distance learning planning initiatives, predicated upon available technologies, commit the University to participate with local, regional, and state organizations in serving as a clearinghouse for information concerning available instructional delivery options for students, employees, and residents of the community.

Credit and non-credit learning opportunities are provided by the Division of Continuing Education. This unit provides leadership and administrative support in the design, development, promotion, and delivery of high-quality courses, workshops, and seminars — meeting the needs of lifelong learners.

The University seeks to attract a diverse student body of high academic caliber. It also attracts and retains highly qualified full-time faculty, as well as experienced and competent part-time faculty. All faculty are committed to the values and the philosophy of the academy. Educational activities reinforce the University’s strong and unequivocal commitment to diversity among its faculty, students, and staff.

Support Services: The University’s caring environment fosters excellence in instructional, administrative, and student support services. The focused attention which these services provide helps to insure that students maintain uninterrupted university attendance, make suitable course selections, successfully complete degree requirements, and achieve timely graduation or successful accomplishment of other academically related career goals.

The University’s programs and services encourage the retention and success of all students. Special organizational structures attend to the needs of students from diverse...
backgrounds. These students are served through activities that contribute to their academic, social, cultural, and personal development. The campus community is made cognizant and appreciative of their differences by activities that promote the understanding of cultural and international diversity.

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

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

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

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

**Colleges** Within the College of Arts and Sciences are the Departments of Biology; Chemistry and Physics; Communications and Visual Arts; English and Foreign Languages; History; Mathematics and Statistics; Music; Philosophy; Political Science and Public Administration; Psychology; and Sociology, Anthropology and Criminal Justice.

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

The College of Computing Sciences and Engineering includes Computer and Information Sciences, Electrical Engineering, Civil Engineering, Mechanical Engineering, and Building Construction Management.

The College of Education and Human Services includes the Division of Curriculum and Instruction and the Division of Educational Services and Research.

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

**Undergraduate Degrees** The bachelor of arts, bachelor of fine arts, bachelor of science, bachelor of arts in education, bachelor of music, bachelor of science in health, bachelor of business administration, bachelor of science in electrical engineering, and bachelor of science in nursing. Requirements for these degrees are enumerated in appropriate sections of this catalog.

**Faculty** UNF has a distinguished group of full-time faculty members. Eighty-eight percent of the full-time faculty hold the doctorate or the terminal degree in their discipline. The full-time faculty hold degrees from more than 100 American and foreign universities. Three faculty members have been recipients of Fulbright Awards, one has been a participant in the International Research Exchange Program, one has been elected to the International Jazz Educators Hall of Fame, and another has been elected to the National Academy of Public Administration. The full-time faculty is augmented, as appropriate, by outstanding part-time faculty members.

In addition to possessing outstanding academic and professional credentials, the faculty at UNF are characterized by a dedication to excellence in teaching. Through participation in their colleges and the UNF Faculty Association, members of the faculty exercise responsibility for the University’s academic programs. Each year, the UNF faculty select one of their colleagues to receive the Distinguished Professor Award based on his or her accomplishments in teaching, research and service. The colleges and UNF also recognize a number of faculty members and advisors for their excellence in teaching and advising.

**Students** More than 13,600 students enrolled at UNF for the 2002 fall term — about 60 percent were women, nearly 21 percent were minorities and 89 percent were undergraduates. Beyond the diversity implied by these data, an extraordinary blend of students offers a rich and rewarding educational experience. Three groups of students comprise the undergraduate student body: 1) a small freshman class (nearly 60 percent having scores of 1100 or more on the SAT) 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 blend of students gives classes at UNF a distinctive character and provides for
stimulating, thought-provoking discussions and perspectives. These students, coupled with an increasing number of international students and a core of graduate students in several professional areas, enable UNF to provide a unique environment. The students themselves challenge and stimulate each other in ways that foster cooperation, competition and understanding of diverse traditions and cultures.

**Campus** The UNF campus is located on slightly more than 1,300 acres of timberland approximately seven miles inland from the Atlantic Ocean and 12 miles southeast of downtown Jacksonville. A series of wooded ridges interspersed with small lakes and streams provides a spacious site and an attractive rustic setting.

Easy access to the University is provided through the two main entrances: the West Entrance at St. Johns Bluff Road and the East Entrance at Kernan Boulevard. The entrances are accessible from Beach Boulevard and J. Turner Butler Boulevard. The Interstate 95 and 295/9A beltway provide access for students commuting from surrounding communities.

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

A unique feature of the UNF campus is its system of nature trails, one of which is specifically designed for people with disabilities. The trails are open to visitors as a community resource.

Virtually every type of terrain found in northeast Florida can be found along the UNF trails, along with a surprising variety of animal and plant life. The University is also a bird sanctuary.

**Intercollegiate Athletics** The University of North Florida athletic program is a member of the National Collegiate Athletic Association (NCAA) Division II and participates in the Peach Belt Conference. The men’s golf program and women’s swimming/diving team compete in Division I as independents.

UNF offers 15 sports including baseball, basketball, cross country, golf, soccer, tennis and track for men; and basketball, cross country, soccer, softball, swimming/diving, tennis, track and volleyball for women. Athletic scholarships are awarded at the discretion of the individual sport coaches.

UNF has won National Championships in women’s tennis in 1986 and 1994, in men’s golf in 1991 and 1993, and many conference championships. In addition, UNF boasts several NCAA post-graduate scholarship recipients among its former student-athletes.

The mascot of the University sports teams is the Osprey, and the teams’ nicknames are the “Ospreys” or “Lady Ospreys.”

For more information concerning UNF’s athletic program phone the Athletic Department (904) 620-2833 or write to UNF Athletics, 4567 St. Johns Bluff Road, South, Jacksonville, Florida 32224-2672.

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

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

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

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

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

General Policies
The University of North Florida encourages application from qualified persons and does not discriminate on the basis of sex, age, culture, ethnicity, race, religion or disability. The President has designated a director for affirmative action, equal opportunity and non-discrimination against disabled persons. Inquiries about policies and practices may be directed to the Office of Equal Opportunity Programs, (904) 620-2507.

General Procedures

Applicants for admission are required to submit the following:

1. An application for admission must be submitted by the deadline specified in the official University Schedule on the web. Applicants may apply for admission up to one year in advance of the term in which enrollment is sought. The undergraduate application is common to other public institutions in Florida and is available at Florida high schools, community colleges and the admissions office of any state university. UNF’s application is also available on the website at www.unf.edu. You may also check the status of your application online at our website. Graduate or post-baccalaureate applicants must complete the appropriate application. An application may be obtained from UNF’s Office of Admissions by telephoning (904) 620-2624, by writing or by email to admissions@unf.edu. In order to be considered for admission, applications must be received in the Office of Admissions by the published deadlines.

2. An application fee payment of $20 by check or money order (not cash) must be attached to the application for admission. Application fees may be paid online using a major credit card. This is not refundable. Applications received without the fee will not be processed.

3. Official transcripts and test scores, if applicable, are required of applicants seeking formal admission to UNF. Transcripts must be submitted by the same deadline as applications specified in the official University Schedule on the web. It is the applicant’s responsibility to have the required documentation forwarded to the UNF Office of Admissions in order for the application to be processed.

4. Applicants should refer to the appropriate section in this catalog to determine if additional materials such as letters of recommendation, financial statements or other test scores are required.

5. Applicants who matriculate at Florida public universities are required to provide proof of immunization against rubella (measles) and rubella (German measles) prior to the initial registration. The policy applies to students who attend classes taught at the main campus. Questions concerning this policy should be directed to the Medical Compliance Office, (904) 620-2175, Building 14 Robinson Center, Room 1523.

An admission decision will be made upon receipt of all required documents.

Applicants whose applications for admission are denied may petition for reconsideration. Additional academic information is considered in these cases. Information about reconsideration may be obtained from the Office of Admissions.

The Office of Admissions may be contacted by telephone by calling (904) 620-2624 or by e-mail to admissions@unf.edu.

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

All prospective freshmen are required to submit an official copy of their high school transcript and an official score
State University System Sliding Admission Scale

If GPA in academic core courses is: One of the following composite admission test scores must equal or exceed:

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<th>HS GPA</th>
<th>SAT or ACT</th>
<th>Recentered SAT-I*</th>
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<tbody>
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<td>1140</td>
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<td>3.0</td>
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In order to be considered for admission, applicants must have minimum SAT scores of 440 verbal and 440 math or minimum ACT scores of 17 on English, 18 on Reading and 19 on Math subtests.

*SAT taken after March, 1995.
**Academic eligibility for admission is determined by a recalculated 3.0 or better grade point average and submission of admission test scores.

Dual Enrollment/Early Admission

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

Dual enrollment is a program in which an academically talented student receives permission from the high school to take one or more college courses on the UNF campus while currently enrolled in high school courses required for graduation.

UNF offers a limited number of dual enrollment courses. Home, public or private school students who plan to participate in dual enrollment should do so in close consultation with their high school guidance counselor to ensure the courses will either a) meet UNF general education requirements, b) meet prerequisite or lower division requirements for the student’s intended major, or c) substitute for elective hours in the student’s intended major. In addition, comparable high school courses should be unavailable and the university must have space available in the requested class.

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

Eligibility for participation in the Early Admission and Dual Enrollment programs is set by written agreement between the school district and UNF. The UNF early admission/dual enrollment application, which is available from the Office of Admission, must be submitted. (a) If the student is a public or private school student, the appropriate district school superintendent or designee must verify enrollment in a school in that district or in the private school. (b) If the student is a home school student, the appropriate district school superintendent or designee must verify if the student is participating in an approved home education program.

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

For additional information, contact your high school guidance counselor.

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

To qualify for early admission, a student must:
• have completed a minimum of six semesters at the high school level in grades 9-11 and 18 high school credits
• have demonstrated ability to excel in advanced level coursework
• achieve a 1200 on the SAT or a 28 on the ACT and a 3.5 minimum weighted GPA
• have submitted a Terms of Agreement form provided by UNF with all of the necessary signatures and specific courses listed as to what courses the high school will accept for high school graduation
• complete a freshman application, health form, and submit a high school transcript with SAT and/or ACT test scores.

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

For additional information, contact your high school guidance counselor.

Honors Program for Entering Freshmen The Honors Program at UNF is designed to provide creative ways for students to explore their academic talents through seminars and mentor programs with major professors. Admission to the program is based on high school GPA and test scores of entering freshmen and on the college GPA of sophomore and junior applicants. Generally, entering freshmen are admitted to the Honors Program (space available) if they graduate in the top 10 percent of their high school classes and present scores of 1250 SAT-I or 28 composite ACT; or are National Merit, National Hispanic, or National Achievement finalists. For further information, refer to the Honors section of this catalog.

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

Lower-Level Study — Admissions Requirements The following qualifications are required of transfer applicants who have earned less than 60 semester hours or 90 quarter hours of transferable credit:
1. Satisfaction of the same general admission requirements as students who enter UNF as beginning freshmen. Refer to preceding two pages, “Beginning Freshmen” section.
2. An overall college average of C or higher and a C or higher average with “good standing” status (eligible to return) at the last institution attended.
3. The Faculty Admissions Committee reviews requests for admission for applicants who do not meet minimum lower level admission requirements. These written requests should be sent to the Director of Admissions. Each student’s request
is handled on a case-by-case basis and if admission is granted, conditions of probation are outlined by the Committee.

**Upper-Level Study — Admissions Requirements**

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

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

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

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

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

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

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

1. Satisfaction of any prerequisites for the program desired. Prerequisites are listed in this catalog in the appropriate college section.

2. Satisfaction of Rule 6A-10.0312, FAC. Effective August 1984, the Florida Board of Education requires assessment procedures for college-level communication and computation skills. Students who have satisfied CLAST standards on three of the four subtests or have received a CLAST exemption and who are otherwise eligible may be enrolled in state universities’ upper-level courses. However, students who need CLAST may accumulate only 36 semester credits of upper-level course work before they are required to pass the fourth subtest.

3. In addition to testing, student achievement in these two skills shall be measured by completion of course work in English and mathematics. Prior to entering upper-level study at a public university, a student is required to complete, with at least a C grade: (1) Twelve semester hours of English course work in which competence is demonstrated in English composition by writing essays or papers of at least 6,000 words per course, (2) six semester hours of mathematics at the level of college algebra or higher and (3) have a satisfactory conduct record under policies established by the Board of Regents and Florida law.

4. Satisfaction of UNF general education requirements. Students who transfer to UNF with the A.A. degree from a Florida public university or community college will be considered to have satisfied general education requirements. International students and students who transfer from out-of-state colleges and universities or from nonpublic colleges and universities in the State of Florida will be subject to this rule and required to complete general education deficiencies. Individual assessments of records and transcripts will be used to determine that the rule has been satisfied.

**Foreign Language Requirement**

By action of the Florida Legislature, undergraduate students who enter a state university in Florida are subject to a foreign language admission requirement. To satisfy the requirement, a student must present evidence of: (1) the successful completion of two years of sequential foreign language (sequential levels of the same foreign language) or two years of American Sign Language study in high school, or (2) the successful completion of 8-10 semester hours of sequential foreign language (sequential levels of the same foreign language) or American Sign Language at the postsecondary level, or (3) proficiency through a satisfactory score on the College Entry-Level Assessment (CELA), formerly (MAPS) test, for Latin or the College-Level Examination Program (CLEP) foreign language examination.

Transfer students are exempt from this requirement if they received an Associate in Arts degree or special purpose A.S. degree before September 1, 1989, from a Florida public community college or university or were enrolled before August 1, 1989, in an associate in arts degree program at a Florida public community college and maintained continuous enrollment until admitted to a university. These students do not have to take a foreign language to be admitted to the university nor do they have to take it prior to graduation unless the program major has a foreign language graduation requirement.

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

UNF may admit first time in college applicants who do not meet the foreign language admissions requirement as exceptions. Students admitted as exceptions must complete 8-10 semester hours of foreign language study or prove proficiency in a foreign language prior to completing 60 credit hours.
Students must comply with the Florida Board of Education foreign language admission requirement. However, nine semester hours of foreign culture courses, offered in the College of Arts and Sciences, may be substituted for the foreign language admission requirement for students with hearing or visual impairments, dyslexia or special learning disabilities. A formal request to use the substitute foreign culture courses must be filed on the Waiver of University Policy form. Petitions are available in the Registrar’s Office located in Founders Hall. Appropriate documentation to substantiate the request, in the form of a physician’s statement, vocational rehabilitation records or other appropriate documentation must accompany the petition. The petition must be approved by the dean of the college in which the student is enrolled.

**CLAST** The College-Level Academic Skills Test (CLAST) has been developed by the State of Florida to test the communication and computation skills that are judged by state university and community college faculty to be essential for college students to have achieved by the end of the sophomore year. The test is **required** by the statutes and rules of the Florida Board of Education for the awarding of Associate in Arts and Baccalaureate degrees and for admission to certain upper division college programs. Please refer to the Academic Policies and Regulations section “CLAST Exemptions” in this catalog, and the Course Schedule and Registration Booklet for the applicable semester. Students pursuing majors in the College of Education and Human Services must complete the CLAST with acceptable scores prior to admission to these majors.

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

**Special Admission Requirements/ Limited Access Programs:**

**Bachelor of Arts in Education Programs**

The following are the **two** categories of admission criteria by which students will be directly admitted into all COEHS undergraduate programs:

1. Students who have a cumulative GPA of 2.5 or better and have passing scores on all four parts of the CLAST exam or corresponding components of the Praxis series exams.*
2. Students who have completed a bachelor’s degree from a regionally accredited institution with a minimum GPA of 2.5 and have passing scores on all four parts of the CLAST exam or corresponding components of the Praxis series exams.*

* All students entering the College of Education and Human Services must have passing scores on all four parts of the College Level Academic Skills Test or a passing score on the corresponding components of the Praxis series exams. **EXEMPTION FROM THE TEST FOR ADMISSION TO THE UNIVERSITY DOES NOT WAIVE THIS ENTRANCE REQUIREMENT TO THE COLLEGE OF EDUCATION AND HUMAN SERVICES.**

**Transfer Students applying to the College of Education and Human Services** who have completed at least 60 semester hours of **transferable** undergraduate credit, but who do not have passing scores on the CLAST exam, may be tentatively admitted for one semester (14 semester hours maximum) only during which time they **MUST** register for and pass all four parts of the CLAST exam. Students **NOT RECEIVING PASSING SCORES** on all four parts of the CLAST exam during this tentative admission semester **WILL NOT BE PERMITTED TO REGISTER** for any additional classes until this requirement is satisfied. Students not meeting the College of Education and Human Services’ admissions criteria after being tentatively admitted will be changed to a non-degree seeking student status. This tentative admission exception is **not** applicable to students with fewer than 60 transferable semester hours of undergraduate credit.

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

**Bachelor of Fine Arts (Graphic Design and Multimedia tracks)** Effective Fall Term 2002 the Bachelor of Fine Arts Graphic Design track and Multimedia track will be limited access programs. To be admitted to either track, students must submit a portfolio for review by March 1 of each year for fall admission and October 1 for spring admission. A faculty committee will conduct the portfolio review in the spring of each year. Students must register for portfolio reviews by contacting the Department of Communications and Visual Arts in writing to request an application packet. At this time, we will temporarily admit students to the FAR major until the application to the Graphic Design or Multimedia track is approved.

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

The portfolio review committee will evaluate students’ potential for success as an artist in the field of graphic design as well as demonstrated talent.
Bachelor of Science in Nursing The Bachelor of Science in Nursing degree program has two tracks (the RN-BSN track and the Prelicensure BSN track) each of which requires a 2.7 grade point average for admission. In addition to the GPA requirement, each track has other special admission requirements. For additional information, refer to the College of Health section of this catalog.

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

Bachelor of Arts in Music, Bachelor of Music in Jazz Studies, and Bachelor of Music in General Music (Voice/Piano only) The Bachelor of Arts in Music, the Bachelor of Music in Jazz Studies, and the Bachelor of Music in General Music (Voice/Piano only) require applicants to take a performance audition. Prior to applying to UNF, applicants should contact the Department of Music to make arrangements for an audition. For additional information, refer to the College of Arts and Sciences section of this catalog.

Post-Baccalaureate Students An applicant with a bachelor’s or master’s degree from a regionally accredited institution may be admitted as a post-baccalaureate student. Post-baccalaureate students are admitted to acquire or extend teacher certification, to work toward a second bachelor’s degree or to take courses to extend their areas of competency. The term post-baccalaureate student is not synonymous with graduate student.

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

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

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

Admissions Requirements for International Students

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

We are very aware of the challenges before you and hope to be able to provide you the best possible support as you pursue your undergraduate studies at UNF. This support includes our Student Orientation, which is offered at the beginning of every semester. Required of all new students, this program reviews your rights and responsibilities and also provides an opportunity for you to meet with your fellow international students.

We wish you well in your time at UNF.

Both the Office of Admissions and the International Center will be happy to help you with the admissions process, described below. If you have any questions or concerns, please do not hesitate to contact either office. You may contact the Office of Admissions by telephone at (904) 620-2625 or by e-mail at admissions@unf.edu. The phone number for the International Center is (904) 620-2657, and the e-mail address is intlctr@unf.edu.

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

The Application Procedure — UNF Admissions Requirements for International Students

1. Application Forms International students must complete and submit a printed application form or submit an online application. Further information is available at http://www.unf.edu.

2. Application Deadlines Applicants should submit their completed application forms and all other required material well in advance of the date they wish to begin at UNF. The deadline for the fall semester is May 1, for spring semester it is October 1, and for the summer term it is February 1. Applicants should understand that getting credentials and transcripts evaluated can take a considerable amount of time. In addition, sending or receiving official application material can often take a very long time. Therefore, applicants should...
complete their applications as far ahead of the deadline as possible.

3. **Application Fee** The $20 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. If the original documents are not in English, applicants must include literal and complete translations in English. 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 an accredited foreign transcript and credentials evaluator. Please note, foreign transcript and credentials evaluations are not performed at UNF and it is the responsibility of the applicant to submit all proper documentation. Applicants must contact the evaluation agency directly and provide UNF with an original evaluation of all academic credentials. A list of acceptable evaluators can be found at the web pages of NACES (National Association of Credential Evaluation Services) at http://www.naces.org/members.htm.

5. **SAT and ACT Test Scores** Undergraduate applicants must submit official test scores from the required admission tests – the SAT (Scholastic Assessment Test) or the ACT (American College Test). Test scores from one of these standard college entrance exams are required of any student who applies for admission to UNF as a freshman or sophomore (with less than 60 college level semester credit hours).

6. **English Proficiency** All applicants, except those from countries where English is the only official language, are required to furnish satisfactory evidence that the applicant’s competency in English is adequate. Most applicants to the University take the Test of English as a Foreign Language (TOEFL); for those applicants, a minimum score of 500 is required for admissions consideration. However, there are other proofs of English competency that may be used. Alternative methods of proving English proficiency may be found online at the UNF website.

**The Application Procedure — United States Immigration Requirements**

1. **Certification of Finances** The United States Immigration and Naturalization Service 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. **FSA Report.** All applicants intending to transfer from another U.S. university must submit an **FSA (Foreign Student Advisor) Report.** The applicant must fill out Part A, and the Foreign Student Advisor of the originating university must fill out Part B. The fully complete form, plus copies of any previous I-20s, must be submitted to the UNF International Center prior to arriving on campus and prior to registration for classes. A new Form I-20 from UNF will NOT be issued without a fully complete FSA Report indicating the applicant is in good F-1 status.

**Registering for Classes — UNF Preregistration Requirements**

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

(a) **Certification of Health Insurance** If you have an immigration status of F1, F2, J1, or J2, before you may register for classes you must show proof that you have health insurance. If you currently have insurance coverage, refer to the “International Student Health Insurance Evaluation” form available from the UNF Office of Medical Compliance at (904) 620-2175 or from their web page. If you do not have such insurance, you can purchase insurance through the UNF Office of Medical Compliance.

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

**Estimated Student Expenses**

The following are estimated expenses for international students enrolled in undergraduate programs during the 2003-2004 academic year (fall 2003 and spring 2004). The costs for summer are additional. The estimated costs provided below are subject to change.

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>tuition and fees (15 credit hours each term)</td>
<td>$11,749</td>
</tr>
<tr>
<td>books and supplies</td>
<td>650</td>
</tr>
<tr>
<td>room and board</td>
<td>6,204</td>
</tr>
<tr>
<td>miscellaneous expenses</td>
<td>3,239</td>
</tr>
<tr>
<td><strong>Estimated Total</strong></td>
<td><strong>$21,842</strong></td>
</tr>
</tbody>
</table>
Inter-institutional Transient Students UNF cooperates in a program that enables both undergraduate and graduate students to take advantage of special resources and programs available on another campus but not at their own institution, e.g., special course offerings, research opportunities, unique laboratories, overseas study programs and library collections.

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

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

Transient Students* A student in good standing at another approved collegiate institution may be admitted to UNF for one term to complete work to be transferred back to the student’s home institution.

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

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

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

Re-Admission Any degree seeking student who has not earned his/her degree, who has not enrolled at the University in any of the last three consecutive terms and who wishes to re-enroll in the University must apply for re-admission. In order to be considered for re-admission, a former student must file a new application or update form for admission with the Office of Admissions by the appropriate deadline for the term of requested reentry. Former students in good standing must apply at least six weeks before the term begins. Former students who were not in good standing, i.e., probation or suspension, must file the request 10 weeks before the term begins. An application fee is not required unless the student intends to seek a degree and has not previously paid an application fee. Students who must reapply are subject to any new admissions requirements and to the program requirements published in the catalog for the academic year in which they reinitiate enrollment at UNF.

Students who have been admitted to UNF but have not attended must update their application six weeks prior to the start of the term in which they plan to enroll. Applications for students who did not attend become inactive one year following the intended term of matriculation and therefore must be updated for admission.

Non-Degree Seeking/Applicants Who Have Missed the Admissions Deadlines

Students who have missed the admissions deadlines may apply to the University as Non-Degree Seeking. The Non-Degree Seeking status is an option for students who have submitted documents too late for consideration for degree-seeking admission. All incomplete documentation must be submitted to the University within four weeks after the term begins. Admission as a non-degree seeking student does not guarantee admission into a degree-seeking university program. It is recommended that students do not register in this status if they have any concerns that they will not have the required number of transfer credits, or if they have concerns that they will not meet the high school or college GPA and test score requirements for admission as a degree seeking student. The following conditions apply to students in this status:
1. Non-degree seeking students must be admitted to the University. All students, regardless of status must, at minimum, submit an application and proof of eligibility. For non-degree seeking students, eligibility consists, at minimum, of proof of good academic standing from the last post-secondary institution attended. Proof of good academic standing may take the form of a transcript or letter of good standing from the last institution attended.
2. The student assumes full responsibility for submitting all necessary transcripts, a degree seeking application, necessary SAT or ACT test scores for students applying for special programs or for those who will not transfer a minimum of 60 hours in order to be admitted as a junior. These documents must be received four weeks into the term in order to process the student’s degree seeking application for the next term. If the student is eligible for admission he/she will be considered a degree seeking student for the next term.
3. If the student does not meet the requirements for admission as a degree seeking student, he/she will not be eligible to register for additional terms.
4. Students in this admission status can earn no more than 12 semester hours toward a UNF degree program. These 12 hours may be considered for transfer to a UNF degree seeking program by the dean or designee of the college which
administers the degree program for which the student has been admitted. After a student is admitted as a degree seeking student he/she will be advised by a college academic advisor who will review and recommend up to 12 hours that were taken as a non-degree seeking student toward the degree program.

5. Students admitted in this status may be eligible for academic advising during established “walk-in” time periods. Walk-in appointments are very limited. Contact the appropriate college for advising information. If the student has to self-advice regarding which courses he/she should take, it is recommended that he/she reviews the university catalog for programs of study and required courses.

6. **Students admitted in this status are not eligible for federal financial aid or university scholarships.**

7. Special conditions must be met by students in this status to qualify for VA benefits. The Office of Veterans Affairs at UNF should be contacted immediately for additional information.

8. Students who have never attended college or who have earned less than 12 college credits are considered First Time in College (FTIC). FTIC’s cannot register in this status. The Director of Admission may waive this policy if the person is 25 years or older, can demonstrate a 3.0 UNF recalculated high school GPA and if the person has never taken the SAT or ACT. This student will be authorized to register for one term. During this term he/she must take the SAT or ACT and demonstrate a passing test score that meets UNF freshman admission standards. If during the term the student does not meet the required admission standards as an FTIC he/she will no longer be eligible to register for classes.

9. **Hours taken at UNF as a non-degree student cannot be used to meet the 60 transferable hours required for admission as an upper division transfer student.**

10. If a student is anticipating to transfer as a lower level student with more than 11 semester hours but less than 60 hours, he or she cannot use these credits in calculating the required transfer GPA for admission as a degree seeking student. This student will have one term to show proof of admission to UNF as a lower level transfer student. This proof includes a minimum 2.0 college transfer GPA, and a UNF recalculated high school GPA and SAT or ACT scores that meet UNF FTIC admission requirements.

**Non-Degree Seeking/Special Students**

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

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

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

**Criminal Offense Charges** The University reserves the right to review the case of any student who has been implicated in a criminal offense prior to admission to determine eligibility for admission and participation in extracurricular activities.
Tuition and Student Fees

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

The following information is summarized from Florida statutes and policies approved by the Florida Board of Education in establishing residency criteria. (240.1201 Florida Statutes and FBOE Rule 6C-7.005).

To qualify as a Florida resident for tuition purposes, students must:
• Be a U.S. citizen, permanent resident alien, parolee, Cuban national, Vietnamese refugee, or other refugee or asylee so designated by the U.S. Immigration and Naturalization Service, and
• Have established a legal residence in this state and maintained that legal residence for twelve (12) months preceding the first day of classes of the term in which they are seeking Florida resident classification. The student’s residence in Florida must be as a bona fide domicile rather than for the purpose of maintaining a mere temporary residence or abode incidental to enrollment in an institution of higher education, and should be demonstrated as indicated below (for dependent students, as defined by IRS regulations, a parent or guardian must qualify), and
• Submit the following documentation (or in the case of a dependent student, the parent must submit documentation) prior to the last day of registration for the term for which resident status is sought:
  1. Documentation establishing legal residence in Florida (this document must be dated at least one year prior to the first day of classes of the term for which resident status is sought). The following documents will be considered in determining legal residence:
     a) Declaration of Domicile.
     b) Proof of purchase of a home in Florida in which a student resides. (Permanent primary Florida home.)
     c) Proof that the student has maintained residence in the state for the preceding year.

  2. Documentation establishing bona fide domicile in Florida which is not temporary or merely incidental to enrollment in a Florida institution of higher education. The following documents will be considered evidence of domicile even though no one of these criteria, if taken alone, will be considered as conclusive evidence of domicile:
     a) Florida voter registration.
     b) Florida vehicle registration.
     c) Florida driver’s license.
     d) Declaration of Domicile.
     e) Proof of real estate ownership in Florida (i.e., deed, tax receipts).
     f) A letter on company letterhead from an employer verifying permanent employment in Florida for the twelve (12) consecutive months before classes begin.
     g) Proof of membership in or affiliation with community or state organizations or significant connections to the state.
     h) Proof of former domicile in Florida and maintenance of significant connections while absent.
     i) Proof of reliance upon Florida sources of support.
j) Proof of admission to a licensed practicing profession in Florida.
k) Any other factors peculiar to the individual which tend to establish the necessary intent to make Florida a permanent home and that the individual is a bona fide Florida resident, including the age and general circumstances of the individual.

3. No contrary evidence establishing residence elsewhere.

4. Documentation of dependent/independent status (notarized copy of most recent Federal IRS tax return).

Federal income tax returns filed by resident(s) of a state other than Florida disqualify such students for in-state tuition, unless:

a. the student’s parents are divorced, separated or otherwise living apart and either parent is a legal resident of Florida; or
b. the student becomes a legal resident and is married to a person who has been a legal resident for the required twelve (12) month period; or
c. the student is a member of the Armed Forces on active duty stationed in Florida, or spouse or dependent, or
d. the student is a member of the Armed Forces on active duty assigned to the Naval Submarine Base, Kings Bay, Georgia or their spouse only, or
e. the student is a member of the full-time instructional or administrative staff of a state public school, community college or university in Florida, or a spouse or dependent, or
f. the student is a dependent and has lived five years with an adult relative who has established legal residence in Florida, and is claimed on that relative’s federal income taxes.

The student must file a residence affidavit with the Office of Admissions and the Office of Admissions reserves the right to require additional documentation in order to accurately determine the resident status of any student.

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

Note: Rent receipts, leases, employment records, tax returns, and school/college records are not evidence of a legal Florida residence. Students who are dependent on out-of-state parents or who come to Florida for educational purposes are generally ineligible for reclassification to Florida status.

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

Tuition and Student Fee Schedule
Tuition fees have been established by the Florida Board of Education, approved by the Florida Legislature, and subject to change without prior notice. Please contact the Cashier’s Office at 620-2472 or refer to the Registrar’s website for current tuition information.

Application Fee (non-refundable; each applicant) $20

Tuition Fees (per credit hour) for 2003-2004 are:

<table>
<thead>
<tr>
<th>Course Level</th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000-4000 level courses</td>
<td>$97.10</td>
<td>$442.27</td>
</tr>
<tr>
<td>5000-7000 level courses</td>
<td>$208.44</td>
<td>$742.97</td>
</tr>
</tbody>
</table>

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

Material Fee Various fees may be assessed for certain courses: $15 certain art courses; $15 all graphic design courses; $25 all ceramics and sculpture courses; $40 all photography courses; $15 or $20 for certain psychology courses.

Laboratory Fee Various fees may be assessed for certain courses: $15 certain nursing courses; $25 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 electrical engineering courses.

Orientation Fee First-time in college and transfer students will be assessed a one-time, non-refundable fee of $25.

Late Registration Fee A fee of $50 will be assessed for failure to register within prescribed periods.

Late Payment Fee A fee of $50 will be assessed for failure to pay within the prescribed payment period.

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

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

Identification Card The OspreyCard is a multipurpose services card that students are required to purchase and 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 Computer Lab, Fitness Center,
Financial Information

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, pay for print in the Library and Computer Labs, and in laundry facilities in Housing. Discounts are offered by some local merchants for students presenting their OspreyCard. The photo fee is payable at the Cashier’s Window or in the OspreyCard Office located in Founders Hall, Bldg. 2, Room 2042. The first card costs $10; replacement cards are $15. Other services include passport pictures, fax, lamination, JTA bus passes, prepaid phone cards and BTI Long Distance Service. For more information and details call the OspreyCard Office at (904) 620-4000.

Parking Decal Fee Parking decals may be purchased by term or an annual permit. Please refer to Parking Service’s website for current fees or call the Cashier’s Office at (904) 620-2472. Rates are subject to change.

Fees for Annual Parking for 2003-2004 are:

<table>
<thead>
<tr>
<th>Affixed</th>
<th>Hanging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reserved Parking for President, Vice Presidents, and Deans</td>
<td>N/A $250</td>
</tr>
<tr>
<td>Garage Parking - First Floor</td>
<td>$207 $207</td>
</tr>
<tr>
<td>Designated Parking (Full-time Faculty &amp; Staff Only)</td>
<td>$162 $162</td>
</tr>
<tr>
<td>General Parking (Garage and Lots)</td>
<td>$118 $118</td>
</tr>
<tr>
<td>Lot #14</td>
<td>$15 $15</td>
</tr>
<tr>
<td>Motorcycle</td>
<td>$40* N/A</td>
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</table>

Fees for Parking by Term (Only General Parking - Garage and Lots - Available per Term)

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<thead>
<tr>
<th>Affixed</th>
<th>Hanging</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Parking (Garage and Lots)</td>
<td>$73</td>
</tr>
</tbody>
</table>

Daily Parking Permit may be purchased at either information booth for $2.00.

* For those who own both an automobile and a motorcycle, the option is available to purchase one decal for the automobile and one stick on decal for the motorcycle at the current price of an annual vehicle decal. Proof of registration for both the automobile and the motorcycle is required to purchase. The decals must be purchased at the same time.

ALL fees subject to annual increases.

Transcript Fees There is a $5.00 fee per transcript. Students will receive two official copies free when they receive their baccalaureate and/or graduate diplomas.

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 $50 late payment fee will be assessed on all fees not pended or paid in full by the date listed in the University Calendar.

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

A fee payment check returned for any reason (i.e., insufficient funds, stop payment, account closed) does not cancel the student’s fee liability. A service charge and late payment fee will be assessed.

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 the Registrar’s Office prior to the reinstatement deadline (which is usually the end of the fourth week of classes as noted in the University Calendar that appears online). Students must re-enroll 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 $50 reinstatement fee. If fees are not paid and students are dropped a second time, they may not be reinstated into the class.

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 via Osprey Online. 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 repeat assessment, excess hour assessment, and building and 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 the Registrar’s Office 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. Involuntary change in work hours.
5. Exceptional circumstances beyond the student’s control.

Note: Fee refunds generally cannot be granted because of a student’s dissatisfaction with a professor.
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 Student Affairs Office (Building 2, Room 2091) 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 at least two days prior to the weekly Fee Committee meeting.

Students have six (6) months to file a fee petition. Petitioning for a refund is not a guarantee that a refund will be approved.

Financial Holds Failure to pay outstanding amounts due UNF in a timely manner 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, withdrawal from class(es), registration, reinstatement, enrollment verification, 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 Osprey On-line on the date(s) published in the Course Schedule Booklet each term. No waivers will be processed after this date. The University will automatically pend Senior Citizen Waivers if properly registered in the Registrar’s Office. Waivers do not waive late registration or reinstatement fees.

Children of law enforcement officers and firefighters who are unlawfuly 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 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 Osprey On-line on the date(s) published in the Course Schedule Booklet each term. No waivers will be processed after this date. The University will automatically pend Senior Citizen Waivers if properly registered in the Registrar’s Office. Waivers do not waive late registration or reinstatement fees.

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

For the purpose of employment at the University of North Florida, a half-time undergraduate student is defined as a degree-seeking student enrolled in a minimum of six (6) semester credit hours in Fall and Spring semesters (four (4) semester credit hours for Summer). Graduate students must be enrolled in four (4) semester credit hours in Fall and Spring (three (3) semester credit hours during the Summer).

Student workers participating in the Federal College Work Study Program (FWSP) at the undergraduate and graduate level are required to be enrolled in a minimum of six (6) semester credit hours in each semester (Fall, Spring and Summer) and are limited to 20 work hours per week while classes are in session.

Student workers except FWSP and international students are allowed to work up to 40 hours per week and retain FICA exemption. International students must be enrolled full-time and are limited to 20 work hours per week during Fall and Spring Semesters. These student workers should check with The International Center for further information, (904) 620-2768.

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 Development 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.

Through the Office of Student Financial Aid and Scholarships, 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; there-fore, students are encouraged to complete their file by the April 1st priority date for early consideration. Applications after April 1st are considered on a funds-available basis only. Inquiries concerning financial aid should be directed to the Office of Student Financial Aid and Scholarships. To apply for aid the following steps must be met:
1. Complete and process the Free Application for Federal Student Aid (FAFSA). This form may be picked up at any local high school guidance office, community college, university financial aid office, or on the Internet at www.fafsa.ed.gov.
2. If selected for verification, students will be required to
provide copies of relevant federal income tax returns (1040, 1040A, 1040EZ). Dependent students must also provide parents’ tax information. Independent married students must provide spouse tax information. Other information may also be requested to meet federal verification regulation requirements.

3. To be awarded financial aid, a student must be accepted into a degree-seeking major.

Types of Financial Aid

Federal Pell Grant The Federal Pell Grant is a federal aid program designed to provide financial aid to undergraduate students. Pell Grants are intended to be the “floor” of a financial aid package and may be combined with other forms of aid in order to meet the cost of education. The amount of the basic grant is determined on the basis of the student’s and the family’s resources. The maximum award is $4,000 per academic year.

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

Florida Student Assistance Grant (FSAG) The Florida Student Assistance Grant Program was established to provide awards to qualified undergraduate students who are Florida residents attending accredited colleges, universities, and community/junior colleges in Florida. Students must also demonstrate exceptional financial need and be enrolled full-time (12 hours or more) at UNF. Limited funding is available to eligible applicants enrolled in 6 to 11 hours.

Disabled students registered with the Disabled Services Program Office may receive FSAG on less than full-time enrollment. Please contact the Financial Aid Office if you would like to be considered for this exception.

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

UNF Institutional Grants The University of North Florida offers a variety of grants for undergraduate students who demonstrate financial need. Awards range in value from $300 to $1,200 per academic term.

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

Federal Subsidized Stafford Loan First-year undergraduate students may borrow up to $2,625 per academic year. Second-year undergraduate students may borrow $3,500 per year. Third- and fourth-year undergraduate students may borrow $4,500 per year. There is an aggregate maximum of $23,000 for undergraduate studies. Interest rate vary based on Federal regulations.

Federal Unsubsidized Stafford Loan Students who feel that it is necessary to borrow additional funds through the “unsubsidized” Federal Stafford Loan should contact the Office of Student Financial Aid and Scholarships for additional information.

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

Federal Work-Study The Federal Work-Study Program is a federal program supported with matching funds from UNF. This employment program is designed to assist students by providing employment opportunities and work experience while attending school. Students are paid an hourly rate on a bi-weekly basis. Students must demonstrate financial need.

University Student Loan The university student loan program is designed to assist students with special needs who do not have scholarships or loans for tuition. All loans carry a small handling fee payable prior to the finalizing of the application process. The amount of the loan is equal to direct tuition costs up to a maximum of $500. Loans are due by the due date listed in the University Calendar. Loans not paid when due will result in a financial hold being placed on the student’s record, plus a $50 late payment. Application for tuition loans should be made at the Cashier’s Office.

Half-and-Half Loans Students who are not receiving scholarships or loans may apply for a UNF Half-and-Half tuition loan by going to the Cashier’s Office and completing an application on or before the date in the University calendar. Loans not paid when due will result in a financial hold being placed on the student’s record, plus a $50 late payment. One half of tuition and all other fees must be paid at the time of application.

Non-Florida Tuition Waivers Non-Florida 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, as a young institution, 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 make an appointment with a Financial Aid Counselor. Appeals of financial aid offers will be considered subject to federal, state and university regulations, as well as available funds.

**Satisfactory Academic Progress Policy**

The Higher Education Act of 1965, as amended, requires institutions of higher education to establish and apply standards of academic progress that all students must meet to qualify and remain eligible for assistance from the Title IV student financial aid programs. Therefore, to maintain satisfactory academic progress to be eligible to receive financial aid, students must maintain specified grade point averages and proceed through the program at a pace leading to completion within a specified time frame. Satisfactory academic progress will be measured at the end of each semester.

**Required Grade Point Averages**

*Undergraduate and Post-Baccalaureate Students* must achieve a minimum term grade point average of 2.0 each semester to be considered making satisfactory progress.

**Required Completion Rate**

*Undergraduate and Post-Baccalaureate Students* are required to complete a minimum number of hours attempted as follows:

<table>
<thead>
<tr>
<th>Number of Hours Attempted</th>
<th>Minimum Hours Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 or more</td>
<td>10</td>
</tr>
<tr>
<td>9 to 11</td>
<td>7</td>
</tr>
<tr>
<td>6 to 8</td>
<td>5</td>
</tr>
<tr>
<td>3 to 5</td>
<td>3</td>
</tr>
</tbody>
</table>

**Requirement of Maximum Time Frame**

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

*Undergraduate* students’ eligibility for financial aid ends when they have exceeded 168 attempted hours for all college work.

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

**Probation and Reinstatement Procedures**

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

**Reinstatement of Aid**

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

**Policy for Student Appeals**

If a student is ineligible for federal financial aid based on the satisfactory academic progress requirements, the student may appeal this decision to the Director of Financial Aid by completing the Satisfactory Progress Appeal form. The Director 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 Financial Aid 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 Office of Financial Aid within three weeks of the date of written notification of unsatisfactory progress. It is the responsibility of the student to decide when an appeal is appropriate and to initiate an appeal before the specified deadline.

**Withdrawals and Incompletes**

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

Withdrawals and incompletes are not considered completed courses. It is the responsibility of the student to provide information on changes made after the normal grading periods.
Return of Title IV Aid
For all financial aid students who withdraw or stop attending classes before completing 60% of the term, a portion of the total federal aid received, excluding Federal Work Study earnings, may need to be repaid. The amount of federal aid that you must repay is determined by the Federal Formula for Return of Title IV funds (Section 484B of the Higher Education Act). If you never attended classes, then all the funds received would have to be repaid. The steps taken to determine the repayment are as follows:

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

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

**Step 3:** Compare the amount earned to the amount disbursed. If more aid was disbursed than was earned, determine the amount of Title IV aid that must be returned by subtracting the earned amount from the disbursed amount.

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

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

Students processing refunds through the Fee Petition Committee will have their refunds applied to the Financial Aid program from which the funds originated.

Scholarship Programs
The University of North Florida offers a comprehensive scholarship program to attract and reward students who have superior talent in academics, athletics, fine arts, and extracurricular activities. To be considered for any UNF scholarship, a student must first apply and be admitted to the University. Because many of our scholarships require that students file the Free Application for Federal Student Aid (FAFSA), we recommend that all students interested in scholarships complete the FAFSA. This process can be completed online. Please visit the Department of Education’s website at www.fafsa.ed.gov for detailed information on completing a FAFSA.

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

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

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

State Scholarships State scholarships are funded by the state of Florida. The state determines the recipients, as well as when and how the awards are allocated. The most prominent example of a state funded scholarship is the Florida Bright Futures Scholarship Program. Students work with their high school guidance counselors to apply for the Florida Bright Futures Scholarship during their last year in high school. To learn more about the Florida Bright Future Scholarship Program visit their website at www.myfloridaeducation.com/brfuture. For other information concerning state-sponsored scholarships visit the website at www.floridastudentfinancialaid.org.

Private Scholarships Private scholarships are funded by private organizations such as clubs or businesses. These organizations establish the eligibility and renewal criteria for their own scholarships and choose recipients. You may research private scholarship opportunities by using a web search such as: www.fastweb.com; www.collegeboard.com; and www.scholarship-page.com.

Tuition Deferment
If a student receives financial aid, the university will automatically defer the payment of tuition until the financial aid funds are disbursed. Some types of aid are excluded from the process. Awards excluded are Federal Work Study Program, State University System Minority Scholarship, Delores Auzenne Fellowship, UNF Bookstore Scholarship, Florida Prepaid Program, or any type of private loan.

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

Any questions concerning this process should be referred to the Office of Financial Aid or the Cashier’s Office.

Financial Aid and Scholarship Check Disbursement Check disbursement dates for financial aid will be made available at the beginning of each semester. The UNF Controller’s Office establishes the dates of disbursement for financial aid and scholarship awards. If you are a first time borrower at UNF under the Federal Stafford Loan Programs, you must complete a loan entrance interview by visiting the website at www.unf.edu/finaid before your funds will be released. Any monies owed to the university will be deducted from the first available financial aid or scholarship source. If funds remain after institutional charges have been deducted, a check for the remainder will be mailed to the student on established disbursement dates.
NOTE: All Financial Aid recipients should be prepared to purchase textbooks and to meet their living expenses during the first three weeks of class.

Estimated Expenses Per Academic Year
UNF has developed profiles of average budgets for students in various dependent and independent categories. Each budget, of course, depends upon the individual student.

Students who are in need of financial counseling should specifically request this assistance from the Office of Student Financial Aid and Scholarships.

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

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

<table>
<thead>
<tr>
<th>Expenses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition/Registration Fees</td>
<td>$ _______</td>
</tr>
<tr>
<td>Books/Supplies ($300 average per term)</td>
<td>$ _______</td>
</tr>
<tr>
<td>Housing (Apartment costs range from $270-$540 monthly; single students are expected to share apartments.)</td>
<td>$ _______</td>
</tr>
<tr>
<td>Food</td>
<td>$ _______</td>
</tr>
<tr>
<td>Misc. expenses, including medical/personal</td>
<td>$ _______</td>
</tr>
<tr>
<td>Transportation expenses, including auto/commuter expenses</td>
<td>$ _______</td>
</tr>
<tr>
<td><strong>Total Expenses</strong></td>
<td>$ _______</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Resources</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Savings</td>
<td>$ _______</td>
</tr>
<tr>
<td>Scholarship</td>
<td>$ _______</td>
</tr>
<tr>
<td>Parents/Relatives</td>
<td>$ _______</td>
</tr>
<tr>
<td>Employment</td>
<td>$ _______</td>
</tr>
<tr>
<td>G.I. Bill, Social Security, etc.</td>
<td>$ _______</td>
</tr>
<tr>
<td><strong>Total Resources</strong></td>
<td>$ _______</td>
</tr>
<tr>
<td><strong>Your Financial Need</strong></td>
<td></td>
</tr>
<tr>
<td>(Expenses Less Resources)</td>
<td>$ _______</td>
</tr>
</tbody>
</table>

Veterans Assistance-Certifications The Office of Veterans Affairs is available to assist veterans eligible for any of the educational benefit programs administered by the veterans administration. Students who believe that they are eligible for benefits may receive assistance in applying for them through this office.

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

Types of Programs, Eligibility and Benefits:
Chapter 30 - Montgomery G.I. Bill. First entered active duty 7-1-85 or later and completed initial obligated period of active duty of three (3) years or more or who completed two (2) years of active duty and enters the selective reserve for four (4) or more years. Certain Chapter 34 eligibles are entitled after 12-31-89.

Chapter 31 - Vocational Rehabilitation. Must have a service-connected disability rated at 20 percent or more which causes a demonstratable 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 1-1-77 and 6-30-85 inclusive.

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

Chapter 1606 - Educational Assistance for the Selected Reserve. Enlisted: enlisted, re-enlisted, or extended enlistment for a six (6) year period after 6-30-85. Officer: added six (6) years to current obligation after 6-30-85.

Students must expect a possible delay of 60 days for receipt of benefits during their first term at UNF to allow for processing of forms at the regional level. Veterans must report to the UNF Office of Veterans Affairs each term for certification of enrollment and course load changes.

Recommended schedule for the submission of forms:
First application 10 weeks
Transfer from out-of-state 10 weeks
Transfer from school in Florida 6 weeks
Return to UNF after two semester absence 6 weeks

Initial certification can be made for one semester during which time the student may be waiting for transcripts or test scores (e.g., GMAT, GRE or SAT). However, undergraduates may not be certified for a second term until fully admitted into a degree program. Graduate students may not be certified for a second term until fully admitted into a graduate program. For information about career advisement and placement services, see the “Student Services” section of this catalog.
Veterans who plan to attend UNF under any of the veterans training laws must contact the Office of Veterans Affairs. The office will assist veterans with completing all forms necessary for transferring and initiating educational benefits.

**Certification of School Attendance** The Office of Veterans Affairs certifies school attendance to the appropriate veterans administration office.

<table>
<thead>
<tr>
<th></th>
<th>Undergraduate</th>
<th>Graduate*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-Time</td>
<td>12 hours or more</td>
<td>9 hours or more</td>
</tr>
<tr>
<td>Three-Quarter</td>
<td>9-11</td>
<td>7-8</td>
</tr>
<tr>
<td>Half-Time</td>
<td>6-8</td>
<td>4-6</td>
</tr>
<tr>
<td>Less than Half-Time</td>
<td>1-5</td>
<td>1-3</td>
</tr>
</tbody>
</table>

*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 the veterans affairs office at UNF after registering for course work.

In order to be eligible for benefits, veterans must maintain the same academic and conduct standards expected of all UNF students. Undergraduate students receiving Department of Veterans Affairs benefits will be placed on unsatisfactory progress and benefits will be suspended when both the cumulative and term grade point average fall below 2.0 during the term following probation status. All veterans should consult the Office of Veterans Affairs for specific information about requirements for benefits.

**VA Work-Study** Veterans receiving VA Educational Benefits, who are enrolled in 9 semester hours or more, are eligible for VA Work Study programs. If you are interested in these programs, please contact the Office of Veterans Affairs at 620-2882.
General Policies and Regulations

University Classification Students entering the University of North Florida as freshmen will not be classified within a department or division, but will be assigned to an academic advisor in the Center for Freshman and Sophomore Advising. Students must declare a major after they have completed forty-eight (48) semester hours.

After completion of sixty (60) hours, students must be admitted to an upper-level college and must establish an official program of study. When junior-level students are admitted to UNF, they enter a department within one of its academic units: the College of Arts and Sciences, the Coggin College of Business, the College of Computing Sciences and Engineering, the College of Education and Human Services, or the College of Health. Association with an academic unit effectively classifies the student, facilitates advisement and career planning and enables the development of an appropriate program of study. This program of study may be amended to accommodate waivers and/or substitutions of courses as well as additional courses. The programs in this catalog show the generally accepted courses necessary for completion of basic requirements for each degree program.

Change of major must be submitted to the Registrar’s Office, or for select majors, changed at Osprey Online. If the request is approved, it will be processed promptly.

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

Credit Transfers For undergraduates, transfer credits are considered applicable toward graduation unless specifically noted as “non-applicable” when the student’s degree program is planned. Designation of a course as “non-applicable” is based on the length of time since their completion, relevancy to the present degree objective, accreditation status of the institution where earned or other significant factors. In general, credits earned by correspondence or extension are not transferable in excess of thirty (30) semester hours, no more than ten (10) hours of which may be upper-level credits.

The university will accept a combination of credit awarded through one or a combination of state-approved acceleration mechanisms not to exceed forty-five (45) credit hours. Credit awarded through state-approved acceleration mechanisms must meet the minimum scores established by the Statewide Articulation Agreement.
The State-approved acceleration mechanisms are:

- College Level Examination Program (CLEP)
- College Board Advanced Placement (AP)
- The Defense Activity For Non-Traditional Education Support (DANTES) (formerly United States Armed Forces Institute or USAFI)
- American College Testing - Proficiency Examination Program (PEP)
- Military service school credit as evaluated by the American Council on Education Guide to the evaluation of educational experiences in the armed services. (A maximum of 15 hours)
- Correspondence/Extension coursework credit from a regionally accredited institution. (A maximum of thirty (30) hours of which no more than ten (10) may be upper-level hours)
- International Baccalaureate (IB)

**Credit by Examination (CLEP)** Credit earned through the College-Level Examination Program (CLEP) at a Florida public institution prior to initial enrollment at UNF will receive equivalent transfer credit. CLEP scores for which credit is not awarded at another Florida public institution will be evaluated on the basis of national norms, in accordance with the statewide articulation agreement. UNF students may register for CLEP examinations designed to cover material in the university general education curriculum in accordance with the statewide articulation agreement. Students may not register for CLEP examinations designed to cover material in the university general education curriculum in accordance with the statewide articulation agreement. Students may not register for CLEP Gordon Rule writing courses. Students are advised to register for CLEP prior to the semester in which they intend to use the CLEP credit. Official scores must be mailed to the Office of Admissions prior to the end of the drop/add period of the semester in which credit is to be recorded. Students are further advised to refrain from enrolling for any course that requires a prerequisite for which CLEP is to be substituted (i.e., a student should not register for French II if the student is attempting to achieve CLEP credit for French I). A CLEP examination may not be used to forgive a grade already earned.

By presenting appropriate CLEP general examination scores, students may earn as many as thirty (30) semester hours of credit. The applicability of these credits toward completion of general education requirements will be determined by the Office of Admissions. Credit will be granted for subject-matter examinations based on scores at the 50th percentile. Information on these examinations may be obtained from the Office of Admissions. Credit will be granted for subject-matter examinations based on scores at the 50th percentile. Information on these examinations may be obtained from the Office of Admissions.

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

**International Baccalaureate** UNF recognizes the International Baccalaureate and may award up to a maximum of thirty (30) semester hours of credit. Completion of the total IB Diploma will enable students to enter UNF at the sophomore level. Charts which can be used as a guide to determine the type and amount of credit are found in Appendix K in the back of this catalog.

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

**General Education Program** The three (3) traditional components of undergraduate education are: 1) the academic major, 2) a minor and electives, and 3) general education. In the major, students examine a specialized field in depth and develop knowledge in preparation for a career. By their choice of a minor and electives, students are able to pursue additional areas of intellectual interests. Both the major and elective components help students develop as individuals. In addition to personal intellectual development, a key purpose of general education is to equip people for their common responsibilities as free people in a culturally diverse, open society. General education provides the opportunities to gain skills, knowledge and values necessary for individuals to participate fully in society. One must have the knowledge and skills to understand and argue the important issues of the day. To think effectively about contemporary issues such as poverty, environmental pollution, discrimination, or health care delivery requires knowledge of the natural, social, and mathematical sciences. Furthermore, these issues call for aesthetic and ethical reflection that is developed most profoundly through the arts and humanities.

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

**Skills**
- ability to read and write effectively
- ability to reason soundly, and to think critically and analytically
- ability to utilize information systems effectively

**Knowledge**
- understanding of the natural world
- understanding of the social/political/economic world
- understanding of history, literature, and philosophy

**Values**
- appreciation of significant artistic achievements
- understanding and appreciation of cultural, racial, and gender differences
- reflective understanding of one’s own values
The skills, knowledge and values that are the aims of general education are objects of life-long pursuits. The general education curriculum that follows is designed to facilitate that pursuit and encourage the disposition of minds that will sustain it.

Because basic academic skills are critical to the educational process, the curriculum attempts to fulfill both the letter and the spirit of the various regulations concerning communication and computation abilities (especially Rule 6A-10.30).

The following required composition, literature and mathematics courses, which should be completed within the first sixty (60) hours of credit, satisfy these regulations:

**English Composition:** 9 Semester Hours

<table>
<thead>
<tr>
<th>Required</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101 G(M) College Writing*</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2110 G(M) Introduction to Literature**</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2932 G(M) Themes &amp; Types in Lit.</td>
<td>3</td>
</tr>
</tbody>
</table>

All three courses focus on textual analysis and written reasoned argument. ENC 1101 addresses a variety of non-literary texts in an introductory course in critical reading and writing. LIT 2110 provides a general introduction to literature and makes of literary texts in three genres — fiction, poetry, and drama — the subject of analysis, the occasion for argument. LIT 2932 provides a focused investigation of a particular theme or type of literature and advanced practice in analysis and argument. These courses often include readings with a multicultural or gender emphasis. Each course requires 6,000 words of writing and must be completed with a grade of “C” or higher.

* ENC 1101 is a prerequisite for LIT 2110 and LIT 2932.
** LIT 2110 is a prerequisite for LIT 2932.

**Mathematics:** 6 Semester Hours

Choose 2:

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGF 1106 G(M) Finite Math</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1107 G(M) Explorations in Math</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105 G(M) College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1147 G(M) Precalculus</td>
<td>4</td>
</tr>
<tr>
<td>STA 2014 G(M) Elementary Statistics for Health &amp; Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>* MAC 2233 G(M) Calculus for Business</td>
<td>3</td>
</tr>
<tr>
<td>* STA 2023 G(M) Elementary Statistics for Business</td>
<td>3</td>
</tr>
<tr>
<td>**(Prereq. MAC 1105 or 1147)</td>
<td></td>
</tr>
<tr>
<td>**MAC 2311 G(M) Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2312 G(M) Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

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

**Humanities:** 9 Semester Hours

a) Choose 1:

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 1000 G(3) Freshman Core I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 1001 G(3) Freshman Core II</td>
<td>3</td>
</tr>
</tbody>
</table>

b) Choose 1:

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 2010 G(3) Introduction to Philosophy Thinking</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2100 G(3) Reasoning and Critical</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2630 G(3) Contemporary Ethical Issues</td>
<td>3</td>
</tr>
</tbody>
</table>


**Social Sciences:** 6 Semester Hours

Part A: Introductory Social Science. Choose 1:

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH2020 U.S. History since 1877</td>
<td>3</td>
</tr>
<tr>
<td>CCJ 2002 Crime in America</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>POS 2041 Introduction to American Government</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2012 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2000 Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 2000 CD-Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>GEO 2420 CD-Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>ANT 2930AA CD-Kinship and Family</td>
<td>3</td>
</tr>
<tr>
<td>ASN 2003 CD-Introduction to Asia</td>
<td>3</td>
</tr>
<tr>
<td>ECP 2140 CD-Race/Gender in the American Economy</td>
<td>3</td>
</tr>
<tr>
<td>HIS 2311 CD-Women’s History</td>
<td>3</td>
</tr>
<tr>
<td>HIS 2930AA CD-Nonwestern World History</td>
<td>3</td>
</tr>
<tr>
<td>MMC2701 CD-Communicating Across Cultures</td>
<td>3</td>
</tr>
<tr>
<td>POS 2932AA CD-Politics of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>POS 2932AB CD-Israel: Culture and Conflict</td>
<td>3</td>
</tr>
<tr>
<td>POS 2932AD CD-Irish American Politics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2930AA CD-African American Families</td>
<td>3</td>
</tr>
<tr>
<td>PUP 2312 CD-Race/Gender/Politics</td>
<td>3</td>
</tr>
<tr>
<td>REL 2300 CD-Comparative Religion</td>
<td>3</td>
</tr>
<tr>
<td>SYG 2013 CD-Sex, Race and Social Class</td>
<td>3</td>
</tr>
</tbody>
</table>

**Natural Sciences:** 6 Semester Hours

Six credit hours of Laboratory Science in astronomy, biology, chemistry, geology or physics. This requirement may be fulfilled with two 3.0 hour lab sciences or a four hour lab science and a two hour lecture course.

**Total** 36 Semester Hours

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

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

**General Education Program for Transfer Students** Transfer students must complete a general education program at a Florida public community college or university or they must complete the UNF transfer general education program:

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

The **State of Florida Foreign Language Requirement** must be met before graduation from UNF. Refer to Appendix F and the Foreign Language requirement in the Admissions section.

**College-Level Academic Skills Test (CLAST)** Students must pass or be exempt from the College-Level Academic Skills Test (CLAST) for admission to upper-level degree programs. All Education majors must take and pass all four subtests of the CLAST before admission to the College of Education and Human Services. Refer to the College-Level Academic Skills Test section on this page.

- **Transfer Students with Less Than 60 Transferable Semester Hours** These students must satisfy the same general graduation requirements as a first-time-in-college student. Refer to Appendix B for UNF courses which will satisfy these general education categories.

The **State of Florida Foreign Language Requirement** must be met before graduation from UNF. Refer to Appendix F and the Foreign Language requirement in the Admissions section.

The **College-Level Communications and Computation Skills (Florida Gordon Rule)** requirement must be met before graduation from UNF. Refer to Appendix C.

**College-Level Academic Skills Test (CLAST)** Students must pass or be exempt from the College-Level Academic Skills Test (CLAST) for admission to upper-level degree programs. All Education majors must take and pass all four subtests of the CLAST before admission to the College of Education and Human Services. Refer to the College-Level Academic Skills Test section on this page.

Note: Approved upper division courses may be used to satisfy these requirements.

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

The CLAST requirement is prescribed by Florida Statutes and State Board of Education Rules (Rule 6A-10.0316). Since August 1, 1984, Florida’s public institutions have required passing scores on all four CLAST subtests for the award of an Associate in Arts or Baccalaureate degree, and for admission of all degree-seeking students to upper-level status in Florida’s state universities. Students who have satisfied CLAST standards on three subtests are required to pass the fourth subtest by the time they earn thirty-six (36) upper-level credit hours.

Students may take the CLAST only after completing eighteen (18) hours of credit applicable to a degree. Currently-enrolled, degree seeking students should plan to meet CLAST requirements as soon as possible in their degree program unless they are exempt. If forty-five (45) credit hours are earned without satisfying all CLAST requirements, a registration hold will require registering for and taking CLAST each semester until it is passed. After sixty (60) credit hours, the hold will disallow further upper-level course registration unless 3 parts of CLAST have been met. After ninety (90) credit hours, the hold will disallow further upper-level course registration until CLAST is totally met.
Students may retake the computer-based CLAST subtests passed. This fee is non-refundable and nontransferable. Students taking the CLAST for the first time using the paper and pencil version will not be charged a fee. All others will pay a $25 fee each registration period until the CLAST is passed. Under extraordinary circumstances, CLAST waivers may be considered.

CLAST Fees

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

CLAST Exemptions

There are no exemptions for education majors. Education majors must pass all four subtests regardless of any exemptions or waivers they may receive.

In the Spring of 1995, the Florida State Legislature modified Section 5 of Chapter 95-411, Laws of Florida, Section 240.107, Florida Statutes, to provide alternatives for fulfilling the passage of the College-Level Academic Skills Test (CLAST). Effective November 25, 1997, State Board of Education Rule 6A-10.0311 Assessment of Student Attainment of College-Level Communication and Computation Skills was amended to read:

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

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

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

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

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

1. Mathematics. Students who have earned a score of twenty-one (21) or above on the Enhanced American College Testing Program in mathematics, or its equivalent on the original ACT, shall be exempt from the Computation section of the College-Level Academic Skills Test.

2. English. Students who have earned a score of twenty-two (22) or above on the Enhanced American College Testing Program in Reading, or its equivalent on the original ACT, shall be exempt from the Reading section of the College-Level Academic Skills Test.
(c) Students who have earned a grade point average of 2.5 or above on a 4.0 grade scale in selected postsecondary level courses shall be exempted from one or more sections of the College-Level Academic Skills Test, as specified below. Each postsecondary institution shall establish its own policies for the evaluation of students’ coursework when that student earned credits from an institution other than a Florida public community college or university. Students can pick up an exemption worksheet in Founders Hall, Room 2056.

1. To exempt the English Language Skills, Reading, and Essay sections of the College-Level Academic Skills Test, the student must have earned a 2.5 grade point average in two courses for a minimum of six semester hours of credit from: ENC 1101, English I and ENC 1102, English II or other equivalent college-level English course.

2. To exempt the Computation section of the College-Level Academic Skills Test, the student must have earned a 2.5 grade point average in two courses for a minimum of six semester hours of credit from:
   - MAC 1105 College Algebra or any other MAC course with the last three digits being higher than 102;
   - MGF 1106 Finite Mathematics, 1107 Explorations in Math, or any other MGF course with the last three digits being higher than 202; or
   - STA 2014 Statistical Methods or any other STA course.

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

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

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

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

1. The student must be registered with the Disabled Services Program and have on file documentation of his/her specific learning disability.
2. The student must have attempted the CLAST at least once with reasonable accommodations.
3. The student must have attended the Center for Student Success and Retention’s CLAST Study Lab for remediation.
4. The CLAST waiver form must be returned to the Office of Academic Testing (Founders Hall, Room 2056) along with college transcripts showing all course work and grades from UNF and other colleges.

Other Waivers of CLAST Subtests
Any student who has taken any subtest at least four (4) times and not passed may apply for a waiver of that subtest provided:

1. The student has a minimum 2.0 GPA in all college credit courses in the same subject area.
2. The student has met the general education requirements defined in Rule 6A-10.030, F.A.C.
3. The student has demonstrated sufficient effort to pass the subtest and has satisfactorily complete remediation studies related to the failed subtest.

For additional information on the CLAST, contact the Office of Academic Testing, Founders Hall, Room 2056.

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

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

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

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

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

Academic Load A normal load for a full-time student is fifteen (15) hours per term. A minimum full-time load is
twelve (12) hours per term. No student may exceed a load of twenty (20) hours without permission of the appropriate academic dean or department chair and the completion of a Petition to Waive University Policy. Petition forms are available in the Registrar’s Office. Approved petition forms should be returned to the Registrar’s Office when the student registers.

UNF will certify full-time attendance to programs and agencies (that do not specify minimums for undergraduate student enrollment) for students enrolled in a minimum of twelve (12) hours per term.

Students should plan their academic loads with recognition of the constraints on their time and other resources.

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

**Student Classification** Students are classified as follows:

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

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

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

All students (upper and lower division) must complete the concurrent enrollment form, obtain written approval from an academic advisor, and obtain certification from the UNF Registrar’s Office prior to concurrent enrollment elsewhere.

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

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

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

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

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

**Transient Enrollment** refers to degree-seeking students in good standing at another approved postsecondary institution who wish to take courses at UNF for transfer credit back to their home institution. Students must request transcripts be sent to their home institution after grade processing and pay the transcript fee.

**Transient Student Application Procedure:**

**If attending another Florida public institution:**

1. Transient student form (obtained from student’s home school)
2. Copies of immunization dates (faxed from home school to UNF Student Health Services fax: (904) 620-2902)

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

1. Completed non-degree seeking/special student application (obtained from UNF Admissions Office)
2. Official transcript from current institution or
   - Letter of good standing from current institution
3. Completed health form (obtained from UNF Student Health Services phone: (904) 620-2900)

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

**Undergraduate Enrollment in Graduate Courses** While graduate-level courses are intended primarily for students admitted to a graduate program, outstanding undergraduate students may take graduate-level courses upon approval of the department chair of the student’s major and the chair of the department offering the course. If applied toward a master’s degree, the credits are subject to the same rules as transfer work. Grades earned in graduate-level courses prior to achieving graduate standing are not computed in the graduate grade point average. Graduate-level courses cannot be applied toward both the baccalaureate and graduate degree. Fifteen (15) hours is considered the maximum course load for an undergraduate student taking a graduate course.
Adding, Dropping and Withdrawing  Students may add and/or drop courses from the first day of registration through the final day of the drop/add period (usually the first week of classes; see the University Calendar online). Courses dropped during this period will not appear on the student’s transcript. Students may withdraw from courses or the University after the drop/add period and before the last day to withdraw; however, these courses will appear on the student’s transcript.

Dropping and Adding Courses  Students should exercise care in registration to avoid the necessity of schedule changes after classes have begun. During a registration period through the last day of drop/add, classes may be added or dropped from a student’s schedule. Adds and drops may be completed via the UNF website, or in person at the Registrar’s Office. Courses officially dropped during the drop/add period will not be entered on a student’s permanent record, and a 100% refund will be generated for dropped courses. UNF students are not permitted to add a course after the drop/add period unless there are unusual circumstances clearly beyond the student’s control. When such a case exists, the student must complete a Petition to Waive University policy (available from the Registrar’s Office), supported by the proper documentation, for a late add. A final grade of F is assigned if a student discontinues attendance in a course without officially dropping or withdrawing from a course.

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

Late adds (adding a class after the drop/add deadline) may only be done within 2 weeks of the drop/add deadline. Petitioning to extend the drop deadline is not permitted under normal circumstances. Extraordinary situations must be documented.

Withdrawals  A student may withdraw from a course or the University from the end of the drop/add period through the “Last day to withdraw” (see the University Calendar in the appropriate online Course Schedule). The student must complete an official withdrawal request by this deadline and submit it to the Registrar’s Office or send a letter postmarked no later than the deadline. A grade of W will be assigned upon completion of the withdrawal request process, and no refund is generated. If a student stops attending classes without officially withdrawing, a final grade of F is assigned. Petitioning to extend the withdrawal deadline is not permitted under normal circumstances. Extraordinary situations must be documented.

Late Withdrawals  A student may petition for late withdrawal if there are unusual circumstances clearly beyond the student’s control. 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.

Grading System

Grades

<table>
<thead>
<tr>
<th>Grade</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
</tbody>
</table>

F and WF  0.0 (calculated in GPA)

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

X - Audit: Students must indicate at the time of registration that they wish to audit a course rather than register for credit. Any change from credit to audit or vice-versa must be made before the close of drop/add. Fees for audit classes are the same as those for credit and are nonrefundable.

Petitioning to move from audit to credit or vice-versa is not permitted under normal conditions. Extraordinary circumstances must be documented.

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

An I will be changed to a final evaluative grade (one that is used in calculating GPAs) at the time the student completes the required work. Students may not register for courses in which incomplete grades have been received. Any 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 the Office of Veterans Affairs 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. The Registrar’s Office will send a list of NR grades to the respective department Chairpersons, who will be
responsible for communicating with faculty members about removing the NR grade. The NR may remain on the record for up to one year but 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.

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

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

**Disciplinary Expulsion** The consequences of Disciplinary Action for Expulsion are listed in the UNF Student Handbook.

**Disciplinary Suspension** Transcripts will record the dates of disciplinary suspension until the suspension is lifted at which time the documentation will be removed from transcripts.

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Grade Points</th>
<th>No. of Credits</th>
<th>Total Pts.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>A-</td>
<td>3.7</td>
<td>3</td>
<td>11.1</td>
</tr>
<tr>
<td>CHM 2046C</td>
<td>C</td>
<td>2.0</td>
<td>4</td>
<td>8.0</td>
</tr>
<tr>
<td>MAC 1102</td>
<td>B+</td>
<td>3.3</td>
<td>3</td>
<td>9.9</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>F</td>
<td>0.0</td>
<td>2</td>
<td>0.0</td>
</tr>
</tbody>
</table>

29 grade points divided by 13 credits attempted equals 2.23 GPA

**Academic Progress** An undergraduate student who fails to earn a cumulative or term average of 2.0 (Education majors see College of Education and Human Services section) after attempting a cumulative total of 12 or more credit hours will be placed on academic probation and referred to an academic advisor. Academic probation is a warning. If both the term and cumulative GPA fall below 2.0 during the next term of enrollment, the student will be eligible for suspension. If suspended, the student will be dropped from any courses for which he/she is currently registered and denied the opportunity to re-enroll. The duration of suspension varies by college. Written notification is sent to students who are placed on probation or suspension. Transcripts will reflect any suspensions.

A suspended student who desires to be readmitted to the same major field as when last enrolled may do so upon the written recommendation of the advisor and the department chair or committee. The dean may deny a student’s continued registration in the department. A student who is suspended from a degree program at UNF who wishes to be readmitted into another UNF degree program must have the readmission approved by the appropriate academic officers of both programs. Readmission procedures vary by college.

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

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

**Grade Reporting** At the close of each term, students may access their grades using Osprey Online at www.unf.edu. Transcripts will be sent by the Registrar’s Office only upon written request of the student and payment of the transcript fee.

**Dean’s List** Candidates for a bachelor’s degree who have completed fifteen (15) hours at UNF and have a semester GPA of 3.5 or higher for at least nine (9) hours are eligible for the dean’s list. Notification is sent by individual colleges.

**Forgiveness Policies**

A student may irrevocably select one of the two forgiveness policies, either grade forgiveness or term forgiveness.

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

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

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

The Veterans Administration will not pay for repeated courses if the previous grade met academic standards. Students should direct questions to the Office of Veterans Affairs.

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

1. Petitions will be made through the normal channels to appeal an academic decision. Petitions are available in the Registrar’s Office.

2. If approved, the transcript will note “Term Forgiveness” for the appropriate term. The original grades will remain on the transcript. For the purpose of graduation, the grades for all courses taken that term will be treated as though the student had received a “W” in every course. However, the originally recorded grades will be used in any “Latin Honors Distinction” calculations. None of the courses will count toward graduation.

3. Petitions will never be approved for the present term or the immediately preceding term.

4. Students who have been away from UNF and who plan to return as a degree-seeking undergrad, must be admitted and wait one full term before seeking term forgiveness.

5. Petitions must be approved prior to graduation.

6. No more than one petition for term forgiveness may be granted for any student at UNF.

7. The petition can only be approved by the College that the student was enrolled in during the semester for which forgiveness is requested.

8. A student may exercise only one forgiveness policy. Specifically, a student granted term forgiveness may not exercise grade forgiveness.

Graduation - Associate in Arts Degree Requirements Students who wish to receive the Associate in Arts degree must:
1. Apply for graduation within two semesters of completing requirements for the degree by the deadline date listed in the University Calendar.

2. Fulfill the college-level communication and computation skills requirements of SBER 6A-10.030.

3. Successfully complete CLAST or meet one of the CLAST alternatives as designated by State Board of Education rules.

4. Complete sixty (60) semester hours with a 2.0 grade point average including the thirty-six (36) semester-hour general education program requirement outlined under the freshman/sophomore general education program.

5. Complete a minimum of thirty (30) hours in residence at UNF. These hours may come from general education requirements or electives.

6. Pay all financial obligations to the University.

Graduation - Baccalaureate Degree Requirements Graduation from UNF is awarded upon satisfactory completion of the following minimum requirements:
1. Apply for graduation by the deadline indicated in the University Calendar.

2. Faculty Recommendation Each candidate must be recommended for the degree by the appropriate college faculty.

3. Total Hours one hundred twenty (120) semester hours must be completed for the baccalaureate degree.

4. Course Requirement Each candidate must successfully complete all degree requirements as outlined in the university catalog and program of study.

5. Upper Level Hours A minimum of forty-eight (48) upper-level semester hours must be completed. Upper-level courses are those designated as junior- or senior-level work by the issuing institution.

6. Residence Hours At least thirty (30) upper-level semester hours must be completed in residence at UNF. Students who transfer two years of lower-level work plus one or more years, i.e., at least thirty (30) upper-level semester hours of courses classified as junior- or senior-level by the issuing institution, may be eligible for a bachelor’s degree after completing a minimum of thirty (30) upper-level semester hours at UNF.

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

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

9. Summer Enrollment The Florida Board of Education requires students who enter a state university in Florida before completing sixty (60) semester hours or ninety (90) quarter hours to earn a minimum of nine semester hours in one or more summer terms at one of the state universities in Florida before graduation.

Students who earn 9 or more credits from one or more of the acceleration mechanisms provided for in SB 20-E § 1007.27 Articulated acceleration mechanisms are exempt from any requirement of a public postsecondary educational institution mandating enrollment during a summer term.

Accelerated mechanisms shall include, but not be limited to, dual enrollment as provided for in § 1007.271, early admission, advanced placement, credit by examination, the International Baccalaureate of Education Program. Credit earned through the Florida Virtual School shall provide additional opportunities for early graduation and acceleration.

Students earning less than 9 credits of acceleration mechanisms upon initial matriculation must complete the mandated 9 hours of summer school.

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

10. Academic Average 

a) UNF—A minimum cumulative C (2.0) academic average must be earned. The grade point average for the degree is computed on all UNF course work recorded.

b) Transfer—An average of C (2.0) is also required for transfer credits applied to the degree.

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

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

12. Pay all financial obligations to the University.

Latin Honors Distinction Provided at least forty-eight (48) semester hours (30 semester hours for RN-BSN students) of course work have been completed at UNF, undergraduate students who graduate with UNF grade point averages of 3.5 or higher and who rank in the top twenty percent of their College’s graduating class will qualify for degrees designated cum laude; those who graduate with UNF grade point averages of 3.65 or higher and who rank in the top twenty percent of their College’s graduating class will qualify for degrees designated magna cum laude. GPA calculations will be based on all credits earned at UNF. A minimum of thirty (30) hours are required for honors in a second baccalaureate degree.

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

Graduation Time Limits/Continuous Enrollment Policy Students must submit a formal graduation application to the Registrar’s Office by the deadline date listed in the University Calendar published in the Online Course Schedule each term.

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 Office of Admissions on or before the last day of UNF final examinations for that term. Students who intend to complete course work at another institution to satisfy UNF degree requirements must obtain written approval and complete the courses prior to the term in which they intend to graduate to ensure sufficient time to process the transcript.

Every degree-seeking student at UNF must have a signed program of study. Normally, graduation requirements printed in the catalog at the time the student enters UNF and obtains a signed program of study are those which must be satisfied. However, a student may graduate under the provisions of the UNF catalog which were in effect when the student began continuous enrollment at the university up to a maximum time limit of six years. This time limit policy also applies to continuously enrolled students transferring from Florida public postsecondary institutions.

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

**Second Baccalaureate Degree** Students desiring to obtain an additional baccalaureate degree must meet the requirements for the degree, earn a minimum of thirty (30) upper-level semester hours, and have a program of study. Students earning a second baccalaureate degree may qualify for Latin Honors Distinction.

Students holding a baccalaureate degree from an accredited U.S. institution are considered to have completed general education program requirements. Students who hold degrees from foreign institutions will have their transcripts evaluated by the Office of Admissions for general education requirements. If the foreign transcript is not recorded in English, a translation that is a literal and complete rendition of the original document is required. All international academic records must be submitted to an approved credential evaluation agency and a course-by-course evaluation of those records must be submitted as part of the admissions application packet. For additional information contact the Office of Admissions.

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

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

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

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

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

**Graduation/Commencement Ceremony** Commencement ceremonies are held each semester (Spring, Summer and Fall) at the end of the term. Candidates for graduation will be sent detailed instructions for participating in the ceremony. Tickets are required. For additional information, contact the Registrar’s Office or visit the UNF website for commencement information.

**Academic Responsibilities of Members of the University Community** Members of the University community are expected to be familiar with requirements outlined in this catalog and all official dates specified in the official University Calendar which is published in the Online Course Schedule and the UNF website each term.

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

**Student Attendance Policy** Students are required to attend the first class meeting of courses for which they registered. Registered students not attending the first day of the term may be dropped from the course at the discretion of the instructor. Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor of the department prior to the first class meeting. Students who add courses or late-register during the add-drop period will not be dropped for nonattendance by the instructor during this period.

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

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

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

a. Students who have been dropped from a class roster for failure to pay fees or for any other reason may continue
attendance until the reinstatement deadline, as published in the University calendar.

b. If fees are not paid and students are dropped a second time, they may not be reinstated into the class.

Nonattendance does not guarantee a course will be dropped. The student is fee liable for all courses registered for unless a drop is initiated by the student.

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

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

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

Student appeals relating to individual courses shall be limited to a period of one year from the date the award is given of any grade (except Incomplete) for the course in question. Guidelines for grade appeals are available in the Registrar’s Office.

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

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

- Admission to one of the state universities, except to limited access programs which have additional admission requirements.
- Acceptance of at least 60 credit hours by the state universities toward the baccalaureate degree.
- Adherence to university requirements and policies based on the catalog in effect at the time the student first entered a community college, provided the student maintains continuous enrollment.

- Transfer of equivalent courses under the Statewide Course Numbering System.
- Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, PEP, Dual Enrollment, Early Admission and International Baccalaureate).
- No additional General Education Core requirements.
- Advance knowledge of selection criteria for limited access programs.
- Equal opportunity with native university students to enter limited access programs.

**Optional Student Personal Identification Number (PIN) Code for Registration** Students desiring an alternative PIN code for accessing the Online registration system should contact the Registrar’s Office. To receive a new PIN code a student must come in person and present an appropriate picture identification or access Osprey Online on the UNF Website to change his/her PIN code.

**Release of Student Academic Information** Students, upon written request, may review their own academic record. This review is subject to guidelines outlined by University and Florida Board of Education policy and provisions of the Family Educational Rights and Privacy Act of 1974 as amended. Copies of the University’s policy regarding record access are available in the Registrar’s Office.

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

“Education records” are those records which are maintained by the University and employees/agents of the University which contain educational information directly related to a student. “Record” includes any information or data recorded in any medium, including but not limited to handwriting, print, tapes, film, microfilm and microfiche. “Agents” are any individuals who, pursuant to express or implied authorization, represent and act for the University.
The custodian of the records shall require the student, or parents of the student when applicable, requesting access to or release of the records to present proper identification such as a valid driver’s license or passport. The request must be in writing and signed by the person seeking access or release. A copy of the request for access or release shall be retained in the student’s file. The custodian shall have forty-five (45) days in which to comply with the request. When the record includes information on more than one student, the custodian shall release or permit access to only that part of the record which relates to the student who is the subject of the request. Students requesting the release of personally identifiable information contained in their records to others must provide the custodian of such records with a signed, written request specifying the information to be released, the purpose(s) for such release, and the person or organization to whom such information shall be released. A copy of all requests for access and release shall be retained by the custodian of the records.

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

e) 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.


Additionally, because of the University’s commitment to continue improvement of educational services, the Registrar’s Office 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 the Registrar’s Office 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 to Request Copies and Copy Fees

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

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

a) UNF transcripts: There is a $5.00 charge per transcript. Transcripts from previous educational institutions or standardized test scores must be requested from that institution or
testing agency. Coursework from other institutions does not appear on the UNF transcript.

b) Copies of all other educational records: $.15 per page for copying plus any administrative costs incurred for search, retrieval, and mailing.

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

Transcripts UNF will process only written requests for transcripts. Electronic mail, fax, or telephone call is not accepted. Students may complete a form available in the Registrar’s Office or send the Registrar’s Office a request by U.S. mail. Students must include a check or money order for the number of transcripts ordered. Transcripts are $5.00 each. Students who receive a bachelor’s or graduate degree will receive two free transcripts when they pick up their diplomas. Official transcripts will be provided in a sealed envelope directly to the student, agencies or institutions authorized by the student to obtain said transcript. The envelope is marked “Unofficial if opened prior to delivery.”

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

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

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

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

“Name, address, telephone number, dates of attendance, admitted college, degree(s) awarded, status (full or part-time), classification (freshman, sophomore, etc.), and email.”

Directory information, as defined by the University of North Florida, may be released at the University’s discretion, without the student’s written consent unless a request for nondisclosure has been received by the Registrar’s Office by the end of the first scheduled week of classes as noted in the University Calendar. Nondisclosure shall remain in effect until the student gives written request to remove said nondisclosure to the Registrar’s Office. Forms are available in the Registrar’s Office and the UNF website.

The University will honor a student’s request to not release directory information, but cannot assume responsibility for contacting the student for subsequent permission to release this information. If a nondisclosure request is completed, the University will require documentation from the individual or organization requesting such information that the student has given written permission prior to the University’s releasing said information. Regardless of the effect on the student, the University assumes no liability for honoring a student’s instructions that such information be withheld.

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

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

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

**Freshman and Sophomore Students** The Center for Freshman & Sophomore Advising provides professional academic advising for all students including transfer students who have less than 60 semester hours. First-Time-In-College (FTIC) students are required to attend Freshman Orientation prior to enrolling in their first term at UNF. Special arrangements may be made for out-of-state or out-of-country students by contacting the Center at (904) 620-1012. Peer advisors assist professional advisors in the academic advising of all students and have become an integral part of the Center’s services to students. Peer advisors offer valuable insight and share their UNF experiences.

During the term in which students will have completed an accumulated total of 60 semester hours, they must take the College Level Academic Skills Test (CLAST) unless exempt and apply to their desired major. Once accepted into a major program, students will be advised by the professional advisors in their college. All students enrolling in majors in the College of Education and Human Services must submit acceptable CLAST scores prior to admission to these majors.

**Junior and Senior Advising** After the completion of 60 semester hours, a student is assisted by an academic advisor in the appropriate college. Each College provides specially trained academic advisors to assist upper level students in successfully developing and completing their academic goals. The academic advisors provide students with programs of study that outline academic requirements as well as explain University policies and procedures, and University resources available to each student. Advising Offices are located in the:

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

**Office of Academic Testing** administers Independent Study examinations and such tests as the Allied Health Profession Admissions Test (AHPAT), College-Level Academic Skills Test (CLAST), College-Level Examination Program (CLEP), Florida Teacher Certification Exam (FTCE), Graduate Management Admissions Test (GMAT), Graduate
Record Exam (GRE), PRAXIS I, and Test of English as a Foreign Language Examinations (TOEFL). Information about many other tests is available.

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

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

The Florida Teacher Certification Examination (FTCE) is one requirement for teacher certification. Applications to register for the test are available from UNF’s College of Education and Human Services and the Florida Department of Education.

Registration appointments for GMAT, GRE, PRAXIS I, and TOEFL can be scheduled in the Office of Academic Testing, Founders Hall, Room 2056, (904) 620-1973.

**Bookstore** The UNF bookstore provides an on-campus source for academic supplies, textbooks, course materials, an expanded selection of general books and magazines, Hallmark cards, plus UNF clothing and gift items. Computer software is offered at educational prices to students, staff and faculty. The bookstore also provides check cashing, continuous book buy-back, special ordering of books, graduation paraphernalia and employment opportunities.

The bookstore’s hours of operation are Monday through Thursday, 8 a.m. to 7 p.m., Friday 8 a.m. to 4 p.m., and Saturday 10 a.m. to 2 p.m. Hours are extended during the first week of each term. For more information, call 620-2665 and for online textbook services: efollett.com.

**Computing Services** The Department of Computing Services, located in the John E. Mathews, Jr. Computer and Information Sciences Building, provides computer, networking, and information technology support to the academic and administrative communities of UNF. The department provides students and faculty with technical assistance in the use of computing equipment and systems.

Computing equipment used for instruction and research resides in the Computer Center, located on the first and second floors of the Mathews Building. There are two General Purpose Computer Labs available to all students.

One is located on the second floor of the Mathews Building and the other in the Andrew A. Robinson, Jr. Building. The labs house both Windows and Macintosh computers. All computers are connected to a local area network and have Internet access and pay-for-print services.

There are two computer classrooms used for instruction. Both are located on the first floor of the Mathews Building and contain student stations, an instructor workstation, projection device, and printing capabilities.

Computing Services manages and supports OspreyNet Internet Services. This service provides the residence hall students with high-speed access to the Internet and email, without the use of modems or telephone lines.

Campus Audio Visual provides faculty with access to instructional technology and audio visual equipment. They are the single point of contact for service and support of university classrooms technology.

Students, faculty, and staff are provided with free email accounts and personal web-page space on university systems. Dial-up access to these systems and the Internet is available.

Available software is extensive and sufficiently diverse to serve the complex needs of a university environment. In addition to these resources, UNF has a Help Desk to assist students, faculty and staff with their computing needs. The Help Desk is located in the Mathews Building in the second floor Student Computer Lab and can be reached at (904) 620-3898 or via e-mail to helpdesk@unf.edu. Information about the department and its services can be found at the website www.unf.edu/compserv/.

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

**Thomas G. Carpenter Library** The UNF library, named in honor of the University’s first president, is a full-service, technologically supported library and information center with the primary mission of supporting the University’s academic programs. This community resource, serving UNF students, faculty and adult researchers in the northeast region of Florida, houses a collection of over 800,000 resources, including books, periodicals, maps, federal and state government documents, films, slides, audio and video cassettes, records, compact discs, curriculum materials and more than 1,200,000 microform pieces and...
other related material. Staffed with 20 library faculty and 23 support personnel, the library maintains an innovative outlook as it provides the services common to a large research library, including reference and information services, interlibrary loans, on-line databases, electronic journals, archives and special collections, and photoduplication facilities. Additional services include listening and viewing facilities for non-print materials in the Media Resources Department and microfilm reader/printers for use with the microform collections.

The design and construction of the library facility, completed in 1980, were based on users' needs. It has a seating capacity of 650, and is equipped with individual conference and group study rooms, study carrels, an atrium lounge and a drive-up book return.

The library functions within an automated and user-oriented environment. It is linked to various computerized networks and cataloging utilities (OCLC/SOLINET, RLIN) which provide access to more than 40 million bibliographic records and holdings of affiliated libraries and networks nationwide. Through the Florida Center for Library Automation (FCLA), the library maintains an on-line catalog, WebLuis, using the NOTIS system, which provides rapid and up-to-date access searching 95 percent of the library’s collections, and the more than 10 million MARC holdings records of the other ten libraries in the Florida public university system. The on-line catalog may be searched both in-library and through remote access. The combined advantage of these networks offers rapid identification and access to materials available in the UNF library or through local, national, and international interlibrary loan channels.

Except for holidays and semester breaks, the library is open seven days per week for a total of 90 hours. The operating schedule for the library and its individual units is posted at entrances, and copies are available at the circulation desk. For information, call 620-2616.

**Division of Sponsored Research and Training**

From its inception, the University of North Florida faculty and staff have been active in the search for new knowledge and engaged in collaborative initiatives that respond to regional and national needs and priorities in creative and positive ways. Faculty are encouraged to pursue basic and applied research activities and to involve students in research and training projects supported by public and private granting agencies. Through these activities, the University of North faculty enhance the university’s instructional program while concomitantly applying their skills and expertise to address contemporary issues and problems.

The Division of Sponsored Research and Training 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 Division of Sponsored Research and Training. The Division has five areas of responsibility: (1) to serve as the university liaison with external funding agencies; (2) to provide an array of information and support services to the university community including the identification of funding opportunities and acquisition of application materials; (3) to facilitate and coordinate the preparation and submission of proposals on behalf of the university by providing advice and assistance to faculty and staff in developing proposals; (4) to negotiate terms and conditions of acceptance with funding agencies; and (5) to provide financial and programmatic administration for awarded contracts and grants. For additional information, call 620-2455.

**Center for Student Success and Retention**

**Academic Assistance:** The Center for Student Success and Retention (CSSR) contributes to student persistence in college through academic support services such as tutoring, standardized test preparation, study skills workshops and mentoring programs.

**Program Offerings:**

**Early Warning System:** Faculty members refer students who are having academic difficulty to CSSR. Retention Coordinators provide strategies to enhance and promote academic success.

**The Study Enhancement Program (STEP)** provides structured academic assistance through prescriptive study hall, College Success Skills, and one-on-one mentoring. All students are invited to enroll.

**Annual Writing Contest:** All currently enrolled UNF students may enter the contest. Short fiction, poetry, or essay submissions should be brought to the Center by February 15. Entry forms and instructions are available at CSSR. First and second place entries in the undergraduate and graduate categories receive cash prizes, recognition at the UNF Honors Convocation, and CSSR publication.

**Free CLAST Preparation Workshops** are offered each term to currently enrolled students. The workshops are designed to enhance students’ mathematics, reading, and writing skills. Contact CSSR for more information.

**College Success Skills:** College Success Skills is a free, non-credit course that focuses specifically on factors that have been proven to increase academic performance, i.e., effective note-taking, time management and exam preparation. Call or come by CSSR for more information.

**Tutorial Assistance Program:** Qualified peer tutors work with students on a small-group basis in selected courses. To pick up a schedule, visit CSSR.

The Center is located in Founders Hall (Bldg. 2), Room 2140, at (904) 620-2766. The web address is http://www.unf.edu/studentaffairs/acad_res_center/
The Office of Veterans Affairs and Military Programs

The Office of 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 Information section of the catalog.

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

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

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

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

For additional information, contact the Office of Veterans Affairs and Military Programs at 620-2882.
Student Affairs and Student Services

Dr. Mauricio Gonzalez, Vice President for Student and International Affairs
Founders Hall (Building 2), Room 2091
620-2600 (Voice/TDD)

Campus Life
Students attending the University of North Florida enjoy a collegiate experience unique in many ways.

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 14,000 member student body live 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.

Also guaranteeing a unique experience for students who choose UNF is the increasing diversity of its student body. It is non-traditional when compared to most college campuses 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. Students are exposed to a broad variety of international origins, ethnic backgrounds, personal interests, career choices and lifestyles. This diversity has resulted in a generous selection of campus clubs for students to join and recreational options and activities from which to choose.

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

Campus Regulations
Members of the University community — faculty, staff and students — are governed by campus regulations which include the Model Bill of Rights and Responsibilities developed by the Carnegie Commission on Higher Education. Other codes for campus behavior published in UNF’s “Student Handbook” are the Student Conduct Code, Alcohol and Drug Policy, Parental Notification Policy, Academic Integrity Code, Disruptive Behavior Policy, Sexual Harassment Policy, and Prohibition Against Hazing Policy. All are basic statements expressing the spirit of expectations from members of the University community, both in and outside of UNF’s classrooms.

Resident students are governed by additional policies, most of which are outlined in “The Resident Handbook.” Copies of these documents are available in the Office of the Vice President for Student and International Affairs.
Campus Events and Student Participation

Numerous events take place weekly on the UNF campus, some offered through Student Affairs and Student Government as well as other campus departments. Most of these events are free for students with a valid I.D. 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, art shows to the presentation of classical and jazz music and occasional theatrical productions.

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, string ensembles, jazz ensembles, jazz combos, and percussion and various woodwind and brass wind ensembles, and a pep band. Faculty and student artists and groups present concerts almost weekly. For more information, contact the Music Department at (904) 620-2961.

In addition, several concerts featuring internationally known musicians occur each year on campus, most as part of the UNF Fine Arts Series. The opening of the Fine Arts Center on campus last year 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 620-1895.

For students interested in the visual arts, UNF has the Photography Club, the Potters Guild and the Art Guild. For more information, contact the Department of Communications and Visual Arts at (904) 620-2650. And the University Gallery, located on the first floor of Founders Hall (Building Two), presents a variety of exhibits throughout the year, including the Annual Juried Student Show, the Graduating Senior Show, the Visual Arts Faculty Show, as well as exhibitions, lectures and musical performances by artists of regional and national renown. For more information call (904) 620-2534.

Look for information or advertisements of events via the following: the Spinnaker (newspaper), Osprey Radio, Student Update, UNF Web Calendar, the Housing Information Channel (Channel 12), bulletin board flyers, road signs, SG kiosk and the electronic marquee. Students with disabilities who require special assistance to participate in an advertised program should contact the sponsoring group or the Disability Resource Center, (620-2769 voice/TDD) to request accommodations.

Campus Ministry

The Campus Ministry Office, located in Room 2638 on the second floor of the Robinson Student Life Center, is staffed by professional campus ministers with broad religious orientations and many years of experience. Religious activities and services are available to faculty, staff, and students, including disabled students, international students, and religious ethnic minorities.

Referrals for churches, synagogues, mosques, and temples can be arranged. Other services include individual and marital counseling, group activities and studies, weddings and limited emergency loans. Although each ministry is accountable to its own sending agency, all campus programs and staff are under the day-by-day supervision of the Vice President for Student and International Affairs or designee, who also provides direct oversight of the Campus Ministries Board. Approved ministers are appointed by the Vice President for Student and International Affairs.

Currently UNF has credentialed professionally trained campus ministers representing the following religious traditions:
- Baptist Collegiate Ministry
- Buddhist Campus Ministry
- Catholic Campus Ministry
- Christian Faculty Staff Fellowship
- Intervarsity Christian Fellowship
- Jacksonville Campus Ministry (The United Methodist Church; Presbyterian Church, U.S.A.; Evangelical Lutheran Church of America; Episcopal Church; Christian Church (Disciples); and United Church of Christ (Congregational).
- Jacksonville Christian Life
- Jewish Student Union
- Victory

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

Hours of operation are posted in the Campus Ministry office and on the bulletin board next to the external elevator on the first floor of Schulz Hall (Bldg. 9), in the Courtyard area. The Campus Ministry office can be reached at 620-2837.

The following student organizations are recognized by the University but may or may not be affiliated with Campus Ministries:
- Alliance of Appointed Ambassadors
- Alpha Omega
- Campus Crusade for Christ
- Chi Alpha
- Fellowship of Christian Athletes
- Jacksonville Campus Ministry
- Muslim Student Association
- Newman Club
- Victory

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. (Note: Available only to currently enrolled UNF students)

**Career Library**: Career Services has a small, non-circulating library collection containing career exploration 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 SIGI Plus (a computerized assessment and exploration program) and the Internet are available.

**Cooperative Education**: Cooperative education is a university-wide program that engages employers in an educational partnership with UNF. Students enter the program as an integral part of their education, experiencing a blend of actual on-the-job work with related classroom study, thus giving them a more complete picture of their chosen career. Increased motivation, personal and social development, and job placement are among the rewards of cooperative education. In addition, students may be placed in salaried positions while participating in the learning experience. Students should be enrolled at UNF for at least one semester and must possess at least sophomore status prior to making application to the Cooperative Education program.

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

Students may “earn and learn” by alternating semesters of full-time work with full-time study, work part-time 15-20 hours per week, or work full-time one or two consecutive semesters. Academic credit may be earned up to six semester hours.

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

**Job Vacancy Listings**: Career Services has an affiliation with MonsterTrak, a premier web based organization for posting jobs on college campuses. Full-time, part-time, and seasonal jobs can be accessed by students through the Internet. Look for “OspreyTrak” on the Career Services’ website for more information.

**Workshops/Orientation**: Participatory workshops and orientation sessions on career planning, career exploration, cooperative education, 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 OspreyTrak.

**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 OspreyTrak.

**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 Development and Life Planning Course EDG 2931/EH110**: A 3 credit-hour course is taught by the counseling staff of Career Services and guides the student through the career development process.

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

Career Services main office is located in Founders Hall (Bldg. 2), Room 2086. Office Hours are: Monday and Thurs-
day, 8 a.m. to 7 p.m. Tuesday, Wednesday and Friday, 8 a.m. to 5 p.m. Phone: 620-2955. (Note: Career Services Library (2/2039) is open Monday and Thursday until 7 p.m.)

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 the staff and children of the University and the community. The CDRC is a fully accredited program with the National Association for the Education of Young Children (NAEYA).

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. Computer 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+ (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. Furthermore, a certified and qualified teaching staff is present during all operating hours. These hours are: Monday through Thursday, 7:30 a.m. to 9 p.m.; Friday, 7:30 a.m. to 6 p.m.

The Center also 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. Furthermore, the Center serves as a pre-internship site for its University students as well as students within its region.

Hourly 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 2002-2003 academic year may be obtained by calling (904) 620-2372. The Center is Building 49, near the St. Johns Bluff Road entrance to the campus. CDRC’s web site is http://www.unf.edu/dept/cdrc.

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

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

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

Couples: Counseling for couples is available for persons having difficulties in a relationship with a significant other, such as a spouse or other family member.

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

Referral: Students who require specialized assistance, such as medication for depression or anxiety, may be referred to on- and off-campus services based on evaluation of their needs.

Consultation and Outreach: Counselors are available for presentations to classes and other organizations on a wide variety of mental health issues. Interpretation of the Myers-Briggs Type Indicator also is available.

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

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

Gray and Blue Cafe (south end of campus, near Residence Life buildings) Enjoy a wide variety of popular all-you-can-eat menu items in a comfortable, lakeside environment. This facility offers home-style cooking, healthy selections, cooked-to-order specialties, salads, grilled items, desserts, beverages and the following food stations: Market Carvery - Carved turkey, chicken, chops, macaroni and cheese, vegetables, etc.; Origins - Ethnic: Pacific Rim, American, European, herb-free epicurean culture foods; Menutainment - Culinary showmanship - exhibition cooking; stir-fry, wraps, and more; Sandwich Central - Sandwiches, subs, clubs, meats, cheeses, unique breads and spreads; Terra Ve - Innovative Vegan and vegetarian dishes - health conscious, excellent variety; Fresh Grille - Traditional favorites, new foods - much more than burgers and fries; Trattoria - Complete variety of pizzas; Neopolitan, white pie, chicken, pastas, salads; Garden Emporium - The freshest...
Student Affairs and Student Services

DRC does not provide accommodations to students who have not completed the registration process with their office. In post-secondary education programs it is the student's responsibility to request academic accommodations. To receive support services, a student must register with the DRC. The services provided by the DRC include note takers, test proctoring, sign language interpreters, readers, scribes, and a variety of adaptive equipment. The services are provided free of charge to DRC registered students. All services must be justified as necessary in documentation meeting UNF's guidelines.

In post-secondary education programs it is the student’s responsibility to request academic accommodations. To receive support services, a student must register with the DRC. The DRC does not provide accommodations to students who have not completed the registration process with their office.

To register with the DRC, the student must supply written documentation of his/her disability to the DRC office. This documentation will be reviewed to insure it meets UNF's Disability Documentation Guidelines. A copy of these guidelines is available at the DRC office upon request. Please allow up to thirty (30) days for completion of the review process. Prior UNF students returning for course work after a three consecutive semester absence, are subject to current DRC documentation requirements and policies.

UNF’s President has designated a director to ensure compliance with policies regarding nondiscrimination against persons with disabilities. All ADA/Section 504/Title IX complaints should be addressed to the ADA/Section 504 Coordinator and Director of Equal Opportunity Programs at J.J. Daniel Hall (Bldg. 1), Room 2100, (904)620-2507 (voice and TDD).

The DRC office is located in Founders Hall (Bldg. 2), Room 2120, (904) 620-2769 (voice and TDD), (904)620-3874 (fax).

The Florida/West Africa Institute (FLAWI)
The Florida/West Africa Institute (FLAWI) is based at UNF and was created by Florida’s Legislature in 1991 to promote educational, economic, commercial, cultural and professional exchanges between the State of Florida and the 16 countries which comprise the region of West Africa. The Institute is one of eleven administered by Florida’s public universities, in affiliation with various Florida community colleges. FLAWI’s affiliate institutions include Florida A&M 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 located in Honors Hall, Room 2453, telephone (904) 620-1950.

Greek Affairs

Greek Life The University of North Florida has 13 fraternities and sororities on campus. They include members of the IFC, Panhellenic and NPHC. There also are currently five organizations which provide support and service to the Greek community and UNF. These are the Greek Council,
Currently recognized are:
Fraternities:
- Alpha Phi Alpha
- Chi Alpha
- Chi Phi
- Kappa Alpha Order
- Kappa Alpha Psi
- Lambda Chi Alpha
- Pi Kappa Phi
- Sigma Chi

Sororities:
- Alpha Chi Omega
- Alpha Kappa Alpha
- Delta Gamma
- Delta Sigma Theta
- Zeta Tau Alpha

Fraternities and sororities provide 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 friendships on campus—many of which last a lifetime—and a post-graduate career resource.

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

For more information about Greek Life, contact Greek Affairs Office (Building 14, Room 1541) at 620-2526.

**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. Included are classes, free anonymous HIV testing, STI information, health fairs, class presentations and workshops, residential programming and other outreach activities. The main office is located in the Robinson Student Life Center (Bldg. 14)/Room 1529 and may be reached at 620-1570.

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

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

**C.A.D.I.C. (Campus Alcohol and Drug Information Center)** CADC is committed to promoting the health and well being of the University community through a variety of prevention and awareness programs. This is accomplished through programs, information and activities designed to prevent: alcohol and other drug abuse and sexually transmissible infections (STIs). The office also provides free anonymous HIV testing. CADC strives to provide a confidential and supportive atmosphere conducive to learning, healthier living and student retention. The Center is housed in Building 14/Room 1524 and may be reached at 620-2557.

**Housing Operations and Residence Life** Students who live on campus at UNF have many advantages over commuting students and those who choose larger, more traditional universities.

Our campus is uniquely beautiful and conveniently designed. The central campus sits in the middle of 1,350 acres of woods on the edge of suburban Jacksonville in northeast Florida. In fact, the beach and downtown are only minutes away by car. The University’s own surrounding forest keeps the urban sprawl out and the natural beauty in.

The campus offers numerous fitness and wellness programs and many opportunities for formal and informal recreation through intramural sports, nature trail walks, jogging, and picnics.
In addition to the pleasure of living on this beautiful campus, resident students also enjoy many everyday conveniences and social benefits:

**Location** - Student residences are less than a five-minute walk to such necessities as the cafeteria, library, computer center, campus convenience store, bookstore, and classes. Resident students save time each day that normally would be spent driving to, and parking on, campus.

**Convenience** - Each of the five housing complexes offers its own laundry facility. In-house study lounges are available to residents of Osprey Hall, Osprey Landing, Osprey Cove and The Crossings. Recreation fields and picnic pavilions built especially for resident students are located near the housing communities.

**Social Interaction** - Opportunities to make friends, communicate and live with individuals from diverse cultural and social backgrounds abound at UNF. Our students come from all over the U.S. and 100 foreign countries, and they represent a variety of experiences.

**Free High Speed Data Access, Local Telephone, Cable TV Service and Channel 12 (residents' information channel)** - All housing units are wired for in-room, high speed data access (Ethernet), local telephone and cable TV service, which are included in the rental rates. Residents must provide their own equipment to access these services. In addition, UNF offers a discount long-distance calling service that includes individual billing, off-campus calling card and options for voice mail and faxing. Channel 12, a closed-circuit housing and campus information channel, is broadcast to all campus housing units providing round-the-clock information on student safety, campus events, Student Government activities and residence life programs.

**Roommate Choice** - Although roommate choices are not guaranteed, every effort is made to match students who have requested each other. Those not requesting a choice will be assigned based upon the information you provide on the housing contract. So please take the time to provide this information, and apply early!

**Staffing** - Peer support is provided to our on-campus residents through Resident Assistants (RAs). These college students reside on campus to provide programs, serve as a resource, enforce policies and respond to emergencies. In addition, Master’s level professional staff members live in the residential community to provide an added level of support and supervision.

**Athletic and Recreation Complex** - UNF student-residents have free use of an indoor Olympic size swimming pool, arena, fitness center, tennis clubhouse, softball field and track, as well as courts for tennis, handball, basketball, racquetball and squash. Discounts also are available to students wishing to play UNF’s three-hole/50-tee Golf Plex on campus at the Hayt Golf Learning Center. These facilities are less than a ten-minute walk from housing. Harmon Baseball Stadium, also located within the complex, is home to UNF’s intercollegiate men’s baseball team, and the Arena is the site of both men’s and women’s intercollegiate basketball and volleyball competitions. All UNF student-residents are admitted free to these and all other women’s and men’s intercollegiate competitions.

**Activities** - Other campus activities range from popular films to dances, and concerts offering rock, jazz and classical music. Informal recreation is made possible by the many natural settings in and around the campus, including 12 miles of federally recognized nature trails as well as canoeing, jogging, walking, or use of numerous on-campus picnic areas.

**Something For Everyone** - Residential living is available to students regardless of race, color, religion, disability, or national origin.

**Application Process** - An application may be obtained by calling the Central Housing Office (904) 620-4663 (Voice or TDD) or by logging onto our web page at www.unfhousing.com and complete an application on line.

An advance deposit of $150 (which includes a $50 non-refundable processing charge) plus your Housing Contract start the space reservation process. The Housing Contract is a legally binding document between the student and the University. The Housing contract is for two semesters, beginning in the Fall and terminating at the end of Spring. $100 of the advanced deposit serves as a security deposit, which is refunded, based upon satisfactory condition of rental unit upon departure.

**Osprey Hall** - Osprey Hall, a three-story, lakeside, traditional college residence hall, opened in Fall 1989 for 250 of the University’s undergraduate students. Students attending college for the first time wishing to live on campus are housed in this facility because of the opportunities it provides for them to meet, study and socialize with other students.

This housing facility is a limited-access building with freedom from cooking and upkeep of kitchen and bath. The residence hall’s double occupancy and private rooms provide 180 square feet of carpeted living space shared by two students and feature large windows overlooking lakefront and wooded scenery. Moveable hardwood furniture enables residents to create individualized room arrangements.

Osprey Hall residents have the convenience of an in-building laundry facility as well as a small lounge area on each floor equipped with televisions, microwave ovens and sink. Electric and water utilities are included in the rent in this complex, as well as high speed Ethernet access, cable television service (including an information channel programmed especially for students) and local phone service. Students must provide their own phone, television and computer equipment to access these services. Also available is student discounted, direct-dial, long-distance service by a major national carrier.
Osprey Village Apartments
The University’s Apartments house 435 students in one and two-bedroom furnished apartments with full kitchen and bath. Each of the seven, three-story apartment buildings features an attractive “New Orleans” style central courtyard.

All apartments are kitchen-equipped and completely furnished (with the exception of linens and kitchenware). A Laundromat also is located in the complex.

Included in the apartment rent are all utilities, a high speed Ethernet connection, cable television service (including an information channel programmed especially for students) and local telephone service. Students must provide their own phone, television and computer equipment to access these services. Also available is special student discounted, direct-dial, long-distance service by a major national carrier.

The one-bedroom apartment is a single-story, “flat” style unit made up of 400 square feet of living space.

The two-bedroom, “townhouse” apartment features a spiral staircase leading from the living room to a loft-style bedroom on the second floor. Total square footage for the two-bedroom is 550.

Osprey Landing and Osprey Cove
This housing option gives 900 more UNF students the opportunity to experience the convenience and fun of living in the University of North Florida neighborhood. These two, three-building complexes join campus apartments and the residence hall as a modified suite-style option in which two students share a room and their own private bath.

Described as “an efficiency without kitchen,” the large (12’ x 32’’) rooms exit to an outdoor covered walkway and feature built-in closets, central heat and air conditioning and movable hardwood furnishings.

Rooms also offer a vanity-sink (except Osprey Landing Y building) and a small snack area in which students may add their own microwave and efficiency size refrigerator. Other features of the brick complex include a laundry room in each building, covered walkways on each floor, lounges on every level with TVs and cooking facilities, and a second-story sun deck to provide space for community activities.

These two housing complexes each consist of three identical, three-story triads with triangular shaped central courtyards. Osprey Landing is located just south of Osprey Hall, and Osprey Cove is south of the Village Complex. Rent includes utilities, cable television service (including an information channel programmed especially for students), high speed Ethernet access and local phone service. Students must provide their own phone, television and computer equipment to access local telephone, data and cable service. Also available is student discounted, direct-dial, long distance service by a major national carrier.

The Crossings
UNF’s newest housing facility, The Crossings, opened in August 2001. The Crossings is a multi-purpose facility that allows students the freedom to move about through an expansive lobby, complete with an enclosed atrium. Residents enjoy meeting with their friends in one of the nine lounges. Laundry facilities are included in each of the three buildings. The Crossings is a modified suite-style option in which two students share a room and their own private bath. Described as “an efficiency without kitchen,” the large (12’ x 32’) rooms have features such as built-in closets, central heat and air conditioning and movable hardwood furnishings.

Rooms also offer a vanity-sink and a small snack area in which students may add their own microwave and efficiency size refrigerator. Other features of the brick complex include laundry room in each building, lounges on every level with TVs, cooking facilities, and classroom / meeting areas for studying or socializing. Rent includes utilities, cable television service (including an information channel programmed especially for students), high speed Ethernet access and local phone service. Students must provide their own phone, television and computer equipment to access local telephone, data and cable service. Also available is student discounted, direct-dial, long distance service by a major national carrier.

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

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

International students at UNF represent more than 100 countries from around the world. The UNF community welcomes international students and is sensitive to the needs that arise when studying in a foreign country. Specialized programs which attempt to meet these needs include orientations, international student receptions, and immigration workshops. For further information on admissions for international students call (904) 620-2768 or (904) 620-2657.

The UNF Division of Continuing Education offers intensive English language instruction for international students, members of the community, visitors, and business people. 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...
the UNF Division of Continuing Education at (904) 620-4281 or rharold@unf.edu. See also the listing under the Division of Continuing Education.

Medical Compliance
Focusing on our mission to promote health and prevent health risks, the staff of Office of Medical Compliance is available to assist students with their immunization, insurance and statement of good health requirements. Hours of operation are 8 a.m.-Noon and 1-5 p.m. Monday through Friday. The Office may be reached at (904) 620-2175; or fax (904) 620-2901. The office is located in the Robinson Student Life Center (bldg. 14)/Room 1522.

Immunization Services The department maintains current immunization and health history records on students born in 1957 and after. Proof of immunity to measles (two doses) and rubella (one dose) is a prerequisite to registration, and a health history is required for all students. Beginning January 7, 2003, it is required by Florida Statute (1006.69) that all on-campus residents provide to UNF documentation of vaccination against meningococcal Meningitis and Hepatitis B, unless the resident has signed a waiver declining each of these vaccinations and acknowledges receipt and review of the University provided information concerning Meningitis and Hepatitis B. For more information on these requirements, diseases and vaccinations please see www.unf.edu/dept/shs/immunizations.html.

Insurance Students are strongly encouraged to have insurance coverage. If you are not covered, UNF sponsors accident/illness insurance for domestic and International students and their families. International students must present proof of acceptable medical insurance to Medical Compliance prior to registration for classes (See “Admission Requirements for International Students” listing in the Admissions section in this catalog). www.collegiaterisk.com

Statement of Good Health A statement is required from a medical provider for all International students prior to registration. The statement has been included on the current immunization form. (See www.unf.edu/dept/shs/immunizations.html)

Multicultural Affairs, Center for
The Center for Multicultural Affairs (CMA) enhances student learning by promoting the appreciation and understanding of the different cultures and ethnicities around the world. The Center provides cultural diversity presentations, sponsors multicultural events, provides information and referrals, and provides support to the different groups of minority students on campus. The office is located in Honors Hall (Building 10), Room 1201. Office hours are Monday and Thursday, 8 a.m. to 7 p.m.; Tuesday, Wednesday, and Friday, 8 a.m. to 5 p.m. and also by appointment 620-2475.

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

Osprey Productions
Osprey Productions (OP) is the SG agency that plans and produces a variety of large-scale entertainment events for the entire student body. Interested students may apply to join the 20-member board at any time during the academic year. Appointments are made by the executive staff as vacancies occur. 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 programming includes campus festivals featuring live music and refreshments on the University Green or soccer field, major concerts and comedians in UNF’s Arena, and the annual multicultural Earth Music Festival every Spring. In addition, Osprey Productions sponsors annual trips to off-campus events such as Halloween Horror Nights at Universal Studios in Orlando and the Opening of the Beaches Festival at Jacksonville Beach. Notable past events include: on-campus performances by comedians Lewis Black, Aisha Tyler, Dave Chappelle, Jon Stewart, Carrot Top, David Spade, Norm Macdonald and Kathy Griffin. Reggae superstars headlining Earth Music Fest have included Maxi Priest, Capleton, Shaggy, Inner Circle, Third World, The Wailers, Pato Banton, Black Uhuru and Yellowman. Past Arena concerts have featured such artists as No Doubt, Stone Temple Pilots, the Deftones, Incubus, Alanis Morissette, Green Day, A Tribe Called Quest, Pantera, Ice Cube, 311, Method Man, Blues Traveler, Everclear, Brandy, Garbage, Lit, Eve 6, Third Eye Blind, and Nelly.

Osprey Productions is located in the Robinson Student Life Center (Bldg. 14) Room 2648. You may also contact their hotline at 620-2460 or visit their website at osprey.unf.edu/groups/osprod.

Police and Public Safety, Department of
The Department of Police and Public Safety is located in the Police Building (41), on the campus of the University of North Florida. The Police Department provides continuous security and law enforcement for the University community. Twenty-four hour patrol and dispatch services are provided with access to municipal emergency services. University police officers
are sworn law enforcement officers of the State of Florida. Territorial jurisdiction consists of any property or facility which is under the guidance, supervision, regulation, or control of the University of North Florida. Arrests may be made off campus when pursuit originates on campus.

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 and crime prevention programs including a women’s self defense program known as the Rape Aggression Defense System or R.A.D.

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.

Recreation
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, open recreation and equipment checkout, group fitness programs, recreational sports clubs and nature trails.

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. Recreational resources include:

Dottie Dorion Fitness Center - Fully equipped
Paul Shirley Assessment Center
Free weights
Stairmasters
Nautilus, Hammer Strength and Cybex machines
Treadmills
Life cycles
Air Dyne ergometers
Locker rooms/showers
Elliptical crosstrainers

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
Squash court

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

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

Group Fitness Program Classes are held on weekdays in the Arena. A variety of classes are offered including Spinning, Step Aerobics, Kickboxing and Yoga. Equipment is provided. Students are encouraged to bring a full 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 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 last year 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 620-2854.

Nature Trails and Picnic Areas The UNF nature trails are a component of the National Recreational Trail System. Students may fish and canoe in three of the four lakes on campus. Picnics are allowed on most outside areas of the campus. However, there are restrictions on fires and alcoholic beverages. Picnic tables are available at Lake Oneida, the Boat house lake and student residence picnic pavilion. Wild game is sighted regularly along UNF’s nature trails. UNF requests that visitors respect the natural habitat by leaving the trails
and picnic grounds clean and undisturbed. For details, contact the Nature Trails Office at (904) 620-1810, which is located in the Hayt Golf Learning Center (Bldg. 48).

**Hayt Golf Learning Center** The UNF Hayt Golf Learning Center, a 38 acre site on campus which opened recently 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 a Audubon Natural Resource Center. The facility also contains office space for the University’s Nature Trail Program, as well as labs for faculty conducting environmental research on campus. The facility is named for John T. and Geraldine Hayt, whose donation was matched by the state to establish the Center. Golf operations for Golf Plex at UNF are managed by McCumber Golf. Call 620-2050 for additional information.

**Soccer/Track Stadium** Construction of a 9,000 seat Soccer/Track Stadium with three-lane jogging track continues as funding becomes available.

**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 Sailing, Aquatics, Surfing, Shotokan Karate, Volleyball, Ultimate Frisbee, Aikido and Fencing. These organizations are open to 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 non-traditional college students, age 25 years and older, and is geared toward the needs of those students entering college for the first time or returning to school after an absence. Workshops and individual assistance are available to entering students. In addition, scholarships, support services and advocacy are available for students. The program provides information and referrals to both prospective adult students and to currently enrolled reentry students. Reentry Program phone: (904) 620-1340. The Reentry Program is located in the Women’s Center in the Robinson Student Center (Bldg. 14), Room 2623.

**Student Government**
Student Government at UNF provides many opportunities for involvement to students in ways that allow them to have input into decision-making processes, thereby affecting the quality of students’ lives at the University. The three branches of Student Government are: the Executive, which includes the elected President and Vice President and their appointed cabinet members and selected Agency Chairs; the Legislative, composed of six elected senators; and the Judicial Branch, composed of seven student justices.

Students may also represent their classmates and gain valuable leadership and work experience by representing the student body on a broad variety of University committees to which the student body President is authorized to nominate them.

The Executive Branch is the administrative arm of Student Government and consists of the student body President, the student body Vice President, the President’s Cabinet, and the SG Agencies. The cabinet is responsible for the planning and executing of programs, projects and services to educate the student body about various issues that affect them, and to enhance their safety and well-being at UNF. This arm is composed of administrative officers who represent the student body on specific issues which affect them.

The Legislative Branch is composed of the SG Senate, a maximum of forty-six elected or appointed UNF students who represent students in all University matters and develop and promote activities of special value and interest to students. Four standing committees of the Senate include: Budget and Allocations; Constitution and Statutes; Elections, Selections and Appointments; and the Student Advocacy Committee.

The Judicial Branch is vested in a Judicial Council composed of seven Justices and two Alternate Justices who are appointed by the student body President with confirmation by majority of the Senate. Justices are ordained to protect the rights of the student body by ensuring the rights of the individual through interpretation of the SG Constitution.

The SG agencies also provide activities and services to the student body as administrative divisions of the Executive Branch of Student Government. They are created, funded and managed entirely by SG to provide services to the UNF student body as the Student Senate deems necessary. SG Agencies are as follows:

**African American Student Union** This agency 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. The Union may be contacted by phone at 620-2689 or visited in Bldg. 14/Room 2717.

**Club Alliance** This agency provides coordination, support, information, and resources to approximately 150 student organizations on campus. This student run organization may be reached by phone at 620-1470 or by a visit to the Robinson Center (Bldg. 14) Room 2719. (See “Student Organizations” on the last page of this Catalog section.)

**Osprey Productions** This agency plans and produces a variety of entertainment events for the student body including major concerts and comedians in the Arena, outdoor festivals on the Green, and free tickets to movie premiers at local cinemas. Call 620-2460 or visit the Student Life Center (Bldg. 14) Room 2648. (See more detail on Osprey Productions previously listed in this Catalog section.)

52 Student Affairs and Student Services
Volunteer Center This agency connects students and faculty to community service organizations in the city of Jacksonville and provides opportunities to interact with the community through volunteerism. It is located in Bldg. 14/Room 1540 and may be reached by phone at 620-2755 or by e-mail at volctr1@unf.edu. (See more detail on the Volunteer Center on the following page.)

Student Government is housed in the Andrew Robinson Student Life Center, Room 2605. For additional information, contact SG by calling (904) 620-2750 or www.unf.edu/groups/sga.

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

Student Leadership Program
Leadership may be the most misunderstood concept in contemporary society, yet leadership is crucial to understand. The need for competent leaders in an increasingly complex global world is obvious. In order to understand and fully appreciate leadership, students must have opportunities to learn about leadership and must have experience through practice with some of the basic components of leadership. For students who want to make a difference, this creative yet no-nonsense program on leadership uses focused activities that produce results. The series of courses lays the foundation for your current and future success. The courses in The Leadership Program will educate students for and about leadership.

Why should students participate?
• To improve or enhance performance as a student leader now.
• To gain key skills in leadership, putting you ahead in the job market.
• To capitalize on a dynamic opportunity for lifelong success.

All enrolled UNF students are eligible to participate in the Leadership Program. To enroll and register for classes, please call Student Affairs, 620-2600.

Andrew A. Robinson, Jr., Student Life Center
The Robinson Student Life Center (UNF’s Student Union) serves as a campus living room for student meetings and social functions. The Center provides a variety of meeting spaces, informal student lounges, a computer gaming Hub, a TV Lounge, the Little Auditorium (Rm. 1700), the Osprey Cafeteria, the Robinson Theatre and a game room which has pool tables, table tennis and live entertainment.

The Robinson Student Center also is the home of many campus services offered through the Department of Student Life, which is comprised of the Robinson Center Reservations and Management, Department of Student Activities, the Office of Entertainment Programming, Center for Student Media, Office of Student Organizations and Leadership Development, and Office of Greek Affairs. Also housed there is the Women’s Center, Student Health Services (and its Campus Alcohol and Drug Information Center), Campus Ministry, and Student Government (including SG’s four agencies: African American Student Union, Osprey Productions, Club Alliance, and the Volunteer Center).

The RSC also does its own 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 rslcresv@unf.edu or get more information, contact 620-1496.

Student Media, Center for
The Center for Student Media serves as the umbrella organization over student-run media outlets at UNF including the Spinnaker, UNF’s official newspaper; Osprey Radio, UNF’s official radio station; and Osprey Television, UNF’s official television station. The day-to-day operations of the Center for Student Media are overseen by the media advisor.

The Spinnaker is UNF’s student newspaper and is funded by Student Government as well as advertising revenues. Published each week during the fall and spring semesters, the Spinnaker is free and distributed at various locations throughout campus. Students who wish to apply to become writers, photographers or editors for the Spinnaker should telephone (904) 620-2727 or inquire at the Robinson Student Life Center (Bldg. 14) Room 2627.

Osprey Radio is UNF’s student run radio station and is funded by Student Government as well as advertising revenues. Osprey Radio currently operates as the audio portion of UNF’s closed-circuit Channel 56. Students who wish to apply to be a part of Osprey Radio should telephone (904) 620-2908 or inquire at Robinson Student Life Center (Bldg. 14) Room 2627.

Osprey Television is UNF’s student television station and is funded by Student Government as well as advertising revenues. Osprey Television operates on UNF’s closed-circuit Channel 12 with limited programming. Students who wish to be a part of Osprey TV should telephone (904) 620-2727 or inquire in the Robinson Student Life Center (Bldg. 14) Room 2626.

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

Nursing Services Registered nurses are available to provide first aid, health care and health counseling to ill or injured students from 8 a.m. to 5 p.m. Monday through Thursday, and 8 a.m. to 4:30 p.m. Friday. No appointment is necessary. Free anonymous HIV testing is by appointment.

Medical Providers On-campus medical providers (Physicians and Nurse Practitioners) are available to students 40 hours a week by appointment. Available services include: physicals, general health counseling, GYN exams, lab testing, and treatment of minor emergencies including suturing and pharmacy.
Student Organizations
The Office of Student Organizations provides support to the more than 150 student clubs at UNF, grants University recognition to most new clubs, and advises Club Alliance (an SG agency). Clubs exist because of student interest, generally being formed for social, honorary, cultural, recreational or pre-professional purposes. The Office, which is part of the Department of Student Life, is located in the Robinson Student Life Center (Bldg. 14), Room 2644. The Office of Student Organizations can provide a continuously updated listing of all recognized clubs to UNF students, staff or faculty upon request. For more information, contact the Office at 620-2525.

Study Abroad
Through study abroad, the University of North Florida is committed to providing opportunities for students to enhance their academic experiences, enjoy personal growth, and develop their resumes. In addition to registering for faculty-led, short-term study abroad courses typically taking place during the summer terms, UNF students can participate in summer, semester, or year-long programs at locations overseas while continuing progress to their degrees. During the 2001-2002 academic year, UNF students had opportunities to earn credit for coursework in France, Spain, England, Italy, Belize, Turkey, Guatemala, Hungary, United Kingdom, The Czech Republic, and Poland. 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.

Victim Advocacy Program
The Victim Advocacy Program provides 24 hour crisis intervention services to the University community. The program is committed to providing effective assistance to students, both male and female, who have experienced threatened or actual violence. Confidential services include: 24 hour crisis helpline, emotional support, evaluation of options, explanation of and assistance through criminal justice and/or campus judicial process, and any other assistance that may be required to aid a person affected by crime. All services are confidential. This program is sponsored by the Women’s Center. The 24 Hour Crisis Helpline may be reached at (904) 620-1010.

The Victim Advocacy Program is located in the Robinson Student Life Center (Bldg. 14), Room 2623, phone (904) 620-2528, fax (904) 620-2527. Office hours are Monday and Thursday, 8 a.m. to 6 p.m.; Tuesday and Wednesday, 8 a.m. to 7 p.m.; Friday, 8 a.m. to 5 p.m. and other times by appointment.

Volunteer Center
The Volunteer Center seeks to increase community service among UNF students by serving as a resource for individual students and student groups, as well as faculty who incorporate such service for students in their classes. An Agency of SG, the student-run Volunteer Center maintains a database of more than 500 on-campus and off-campus agencies which depend upon volunteers to accomplish their social service, fine arts and charitable missions.

The Center attempts to educate students about the valuable skills and experience that may be gained through volunteering and/or service learning. Center staff coordinate group volunteer projects and assist individual students in identifying volunteer opportunities appropriate to their needs and interests, whether as a fun and rewarding student activity, or as a course or scholarship requirement.

The Center opened in 1991 as a cooperative effort of SG and the UNF administration because of their belief in the positive impact these experiences have on students’ values, commitment to social responsibility and their employability. The Center is located in the Robinson Student Life Center (Bldg. 14), Room 1540. For more information, contact the Center at 620-2755.

Women’s Center
Located in the Robinson Student Life Center (Building 14), Room 2623, the Women’s Center promotes the growth, productivity, and well-being of women in the University community by providing activities and services which foster gender equity. The Center provides a supportive atmosphere where men and women are encouraged to increase their knowledge and appreciation of the great diversity among women. The Women’s Center also provides support and encouragement for all students to reach their personal and academic potential.

General Activities and Services
• Brown Bag Lunch Lectures
• Celebration of Women in the Arts
• Information and Referrals
• Lending Library
• Leadership Scholarships
• Support Groups
• Child Care Stipends
• Emergency Loans
• Women’s History Month Celebration
• Special Events Performances

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 the Women’s Center Peer Theater Troupe. 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’s hours of operation are Monday and Thursday, 8 a.m. to 6 p.m.; Tuesday and Wednesday, 8 a.m. to 7 p.m.; Friday, 8 a.m. to 5 p.m. and other times by appointment. The Women’s Center can be reached by phone (904)620-2528, fax (904)620-2527, or email: womenctr@unf.edu.
Honors Program

The Honors Program  620-2649
Charles R. Paulson, Director
Marcia Ladendorff, Assistant Director
Heather Burk, Service Learning Coordinator
LouAnne Hawkins, Writing Instructor
Scott Farber, Writing Instructor
Ali Brazzeal, Academic Advisor
Danah Gammage, Admissions Coordinator

The Honors Program at the University of North Florida offers talented students a unique approach to higher education. Averaging only 20 students, Honors seminars combine active learning in interdisciplinary settings. The goal is to build a community of learners who have the power to take their learning outside the classroom, enabling them to take what they read in their text and test it in the outside world.

Academically, there are two divisions in Honors offering three degree designations: University Honors for lower division students; Interdisciplinary Honors or Honors in the Major for upper division students.

Honors Objectives  The Honors Program is centered on the following objectives:
1. ask significant questions;
2. participate in constructive discussions;
3. understand the nature of culture;
4. write effectively;
5. support ideas with evidence;
6. take intellectual risks;
7. take responsibility for the success of the class;
8. make connections across disciplines.

Students have the opportunity to demonstrate mastery of these objectives through the Honors Portfolio writing process. The Honors Portfolio is considered the “cornerstone experience” for University Honors students. The following unique components of the Honors Program provide students with the ability to meet the Honors Objectives.

Student Power and Responsibility  Students are empowered to make choices that literally affect the entire program by: holding seats on the Honors Council and participating in the establishment of policies for the Program; identifying curriculum needs and working with faculty and staff in shaping the direction of courses; establishing a student board of directors and honors student union that address the needs of the student body. Students work closely with faculty and instructors to design and facilitate Honors Community Building and Service Learning colloquiums as well as many seminars. They design, plan, and implement a week long Honors Orientation for incoming Honors students each fall. Students create and print the Honors magazine “Challenge by Choice.” They have also created an entire mentoring program to benefit “at-risk” high school students in the Jacksonville area. This is just the beginning of student power within the Honors Program: with every new student comes new possibilities.

Service Learning  The Honors Service Learning Program provides an opportunity for students to make academic connections between the University and the world through service experiences. This opportunity is designed to promote students’ development into true citizens and leaders of the community. Students participate in service projects and placements — tailored to meet actual community needs. Honors is committed to extending learning beyond the classroom through a reflective service curriculum which encourages students to use their newly acquired skills and knowledge in real-life situations throughout their academic career.

Honors Students Tour a “Slave Castle” is Ghana, West Africa
Service Learning is just one form of experiential learning practiced in Honors. The service that students engage in allows them a unique opportunity to get an inside perspective on many issues with which our society currently struggles. Once back in the classroom, student combine their service experience with traditional texts to examine the dissonance between their ideas through reflective dialogue in order to reach a new or deeper understanding.

Some examples of service learning opportunities include:

• Honors students create a mentoring program for at-risk high school youth as a means to understanding the barriers to success in the lives of these youth. In addition, students secure a partnership with NIKE and the Jaguars Foundation who sponsor a scholarship for the at-risk youth to attend UNF.
• Honors students travel to our nation’s capital, Washington, D.C., for spring break. There they work with children on the burn unit at the Hospital for Sick Children in an effort to understand children’s health issues.
• Honors students adopt refugee families who have just arrived in the United States. They help the refugees learn and adapt to the American culture while examining the impact of displacement of individuals on politics, health, homelessness, and employment issues.

Experiential Learning Students and teachers take a “hands-on” approach to their subjects, moving education beyond the classroom walls and into the surrounding community to make connections between theoretical ideas and the real world. For example:
• Students studying about public policy and children’s issues travel to the state capitol to speak first-hand with lawmakers who make the policy.
• A class on Eastern Europe takes a ten-day trip to Prague to experience the culture of that city firsthand.
• The main project for a History class is the creation of a museum exhibit; the entire class travels to Washington, D.C. to learn museum methods from the staff of the Smithsonian Institute.
• An Honors class studies the politics of West Africa by travelling to Ghana for three weeks.

Interdisciplinary Course Work Students and teachers actively pursue answers to the age-old question: “What does this have to do with life in the real world?” In striving to find answers to the complex problems we face today, seminars bring the perspectives of two or more different academic disciplines to bear on the subject at hand. For example:
• Students studying the relationship between sixteenth century French explorers and Florida’s Timucuan Indians learn what it’s like when two people from drastically different cultures meet; the seminar combines Anthropology, History, Literature and a journey on the World Wide Web to open the students’ eyes to cultural issues.
• Students exploring issues surrounding moral decision making in the 21st century learn from a diverse group of community leaders about how they make difficult choices and decisions. The issues cut across disciplines ranging from Political Science to Business to Sociology. Students create their own moral decision making text.

Honors Opportunities Joining the Honors Program at UNF affords students opportunities which are often life-altering. For example:
• Students who produce thought-provoking academic work get the chance to present their projects at Honors conferences at the national, regional, and state levels.
• Students join faculty in international travel, learning to “read” different cultures as they would a text.
• Students explore career options in intensive, semester-long internships in the nation’s capital.

Lower Division Honors
University Honors is the track lower level students enroll in during their first two years at UNF. Students take a minimum of 17 hours of Honors course work. Honors seminars are “special topics courses” that change each term. Freshmen and sophomores use most of these special topics courses to replace General Education requirements at the lower division. The program is, however, much more than just course work. Students who join the program are expected to “give back” to the program: opportunities exist for leadership development, program planning, and student activities. After successfully completing University Honors, students enroll in one of the upper level Honors tracks.

Upper Division Honors
Interdisciplinary Honors is the newest upper level Honors track at the University of North Florida. Interdisciplinary Honors is open to all UNF students, regardless of major. This track is for students who value responsibility, service, collaborative work, and complex questions. There are three components to the 8-hour Interdisciplinary Honors track: students enroll in a junior-level, interdisciplinary seminar [3 hours]; conduct senior-level research or a special project under the guidance of a faculty member [3 hours]; and two one-hour courses; the Honors Thesis Prospectus course and the Honors Thesis seminar.

Honors in the Major The focus of the Honors in the Major track is to allow students to prepare a thesis or research project with a faculty mentor. Honors in the Major is available in the following areas: Biology, Chemistry, History, Mathematics & Statistics, Philosophy, Psychology, all majors in the College of Business, all majors in the College of Computing Sciences & Engineering, and all majors in the College of Health. Honors in the Major students complete senior-level research [6 hours]; and two one-hour courses; the Honors Thesis Prospectus course and the Honors Thesis seminar.

Admission Graduating high school seniors are encouraged to apply to the lower level track, University Honors, if any of the following criteria are met:
• they are in the top 10% of their class;
• their SAT score is 1250 or above or their ACT is 28 or above;
• their GPA is 3.75 or higher;
• they have International Baccalaureate or Advanced Placement credit;
• they have leadership or community service experience.

The Honors Program is interested in the whole student, so if you fall short of the numerical criteria but can demonstrate remarkable leadership, writing, or verbal skills, you are also encouraged to apply. Application deadlines for University Honors are June 1 (for fall term enrollment) and December 5 (for spring term enrollment).

Current UNF students and transfer students wishing to join Interdisciplinary Honors at the upper level must have a 3.4 or higher college GPA. Application deadlines for Interdisciplinary Honors are June 1 (for fall term enrollment) and December 5 (for spring term enrollment).

Current UNF students and transfer students wishing to join Honors in the Major at the upper level must have a minimum college GPA of 3.5 to 3.7 (depending on major). Application deadlines vary by major.

Applications and more information about the program can be picked up from the Honors Office in Honors Hall, Building 10, Room 2125, (904) 620-2649.

Graduation through the Honors Program
**University Honors:** To successfully complete the lower level Honors track, students must take a minimum of 17 hours of Honors seminars and finish with a cumulative GPA of 3.4 or higher. Students must also submit a passing Honors Portfolio, documenting their achievement of the Honors Objectives. “University Honors” appears on both the transcript and diploma. Note: “University Honors” is different from the Latin Honors distinction.

**Interdisciplinary Honors:** To successfully complete this upper level Honors track, students must complete 8 hours of Honors course work and maintain a cumulative GPA of 3.4 or higher. “Interdisciplinary Honors” appears on both the transcript and diploma.

**Honors in the Major:** To successfully complete this upper level Honors track, students must complete 8 hours of Honors course work and maintain a cumulative GPA as specified by their major. “Honors in the Major” appears on both the transcript and diploma.

**Baccalaureate Honors:** If a student has met both the lower division Honors requirements [University Honors] and upper level Honors requirements [either Interdisciplinary Honors or Honors in the Major], he/she will earn the highest of UNF Honors: Baccalaureate Honors. “Baccalaureate Honors” will appear on both the transcript and diploma.

**Course Work: University Honors**
REQUIREMENTS: A minimum of 17 hours of Honors (IDH) course work is required. Students are encouraged to take more.

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**Course Work: Interdisciplinary Honors**
REQUIREMENTS: Eight hours of Honors (IDH) course work is required. 2 tracks are available:

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

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**Course Listings**

- **CHM 4970 - G(3) Honors Research**
  v. 1 - 6
  Prerequisites: Admission to the Honors in the Major track in chemistry and CHM 4910. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. The student will prepare an Honors thesis, which will be presented at a departmental seminar. Students must enroll for six hours total, which will usually be spread over two semesters.

- **CIS 2935 - G(3) Honors Special Topics in Computer and Information Science**
  3
  Topics are reflective of state-of-the-art computing and selected from among those particularly suited to sophomore-level Honors students.
CIS 4910 - G(3) Honors Research in Computer and Information Science 3
Prerequisite: Admission to the Honors in the Major track in computer and information sciences. Research leading to the Honors project/thesis under the supervision of a faculty member.

GEB 4910 - G(3) Honors Research in Business Administration v. 1 - 3
Prerequisite: Acceptance to the Honors in the Major track in business administration. Allows students to perform research in an area of interest. May be repeated for credit.

HIS 4970 - G(3) Senior Honors Thesis v. 3 - 6
Prerequisite: Acceptance to the Honors in the Major track in history. Research and Honors thesis writing under supervision of a department committee. May be repeated for a maximum of 6 credits.

HSC 4910 - Honors Research v. 1 - 3
Prerequisites: HSC 4730 and admission to the Honors in the Major track in the College of Health. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. Students must enroll for three hours total.

IDH 1001 - G(6) Honors Seminar I 6
Prerequisite: Admission to the University Honors track. An interdisciplinary exploration of pre-modern culture and society. How did people live and interact; what questions did they ask of their world and how did they answer; how do their arts and culture reflect/define their world; what do they have to say to the modern world? Enrollment limited to Honors students.

IDH 1002 - G(6) Honors Seminar II 6
Prerequisite: Admission to the University Honors track. An interdisciplinary exploration of modern culture and society. How do people live and interact; what questions do we ask of our world and how do we answer; how do the arts and culture reflect/define the world; what are the relationships between past and present? Enrollment limited to Honors students.

IDH 1107 - G(6) Art of Communication 6
Prerequisite: Admission to the Honors Program. Communication is: a commitment to reveal, deceive or withhold; to withdraw or share; to persuade; to survive. Conducted effectively, communication can lead to success in all endeavors. Conducted ineffectively, it is at the core of all failure. Communication is about more than just speaking; it’s about knowing the rules, understanding the nature of the culture in which you are communicating, receiving the unspoken message, and perhaps most important, listening. This course will explore all of the above plus how body language, gossip and even swearing affect communication. We’ll look at communication between two people as well as communication within a large organization. And we’ll have ample opportunity to look at our own communication styles and learn strategies to make those styles work better for us. It’s a course designed to open our eyes to the complexities of something we do almost every waking moment of every day. When the semester is over, students should have a new appreciation for effective communication.

IDH 1115 - G(6) Classics East to West 6
Prerequisite: Admission to the Honors Program. This seminar will explore the meanings and interpretations of world “classics,” both from the Western and nonWestern cultural traditions. As aesthetic artifacts which carry an enduring — if not universal — value, such classics reveal something about the nature of culture and humanity. An important part of our inquiry will be to question and define exactly what makes something “classic.” In addition to literary, philosophic, and religious classics, we will examine other “texts” such as music, the visual arts, and even kinesthetic forms like the martial arts. The seminar will be devoted to Socratic discussions of the various texts as well as an emphasis on experiential learning. Thus, we will engage in a variety of aesthetic experiences such as music listening, art appreciation, film viewings, art making, poetry writing, museum visits, t’ai chi, yoga, African drumming, etc.

IDH 1404 - G(6) The American Family 6
Prerequisite: Admission to the Honors Program. The American family has been highly criticized over the past decade. Politicians, academicians, and the media have trumpeted that American family values have nearly become extinct. Others contend that the family is merely changing to meet the demands of an increasingly complex society. This seminar is centered around this very debate on the American family. We will examine the issues that frame this debate such as divorce, single parenthood, domestic violence, and fatherlessness. We will also examine the context of the contemporary family values debate by studying families through history and across cultures.

IDH 2113 - G(3) Disturbing Philosophic Questions 3
Prerequisite: Admission to the Honors Program. This seminar will examine such perennial philosophic questions which continue to provoke our hearts and minds. We will explore a variety of ethical, metaphysical, and epistemological issues, with an emphasis on doing philosophy — that is, thinking, writing, and speaking clearly and critically. We will cultivate the art of Socratic dialogue and the science of crafting a rational argument, whether written or rhetorical. Students will have an opportunity to present a philosophic thesis to the class and defend it against other students’ counter-arguments and to engage in formal debates. This seminar is not for the faint hearted or weak minded: we will challenge our common beliefs and assumptions, and learn to value provocative and significant questions.

IDH 2114 - G(3) Music, Myth, Movies and Madness: Study of Creativity 3
Prerequisite: Admission to the Honors Program. This seminar will be an interdisciplinary inquiry into the nature of creativity, incorporating the disciplines of biology, neuroscience, anthropology, psychology, history, education, and the humanities. We will explore such questions as: What are the characteristics of creative individuals? How is creativity expressed? What promotes — and inhibits — the creative process? Why do music and the arts affect us so deeply? How do myths and dreams express the creative impulse? What is the relation between genius and madness? Can creativity be taught? Is aesthetic appreciation, and personal recreation, a creative act?

IDH 2122 - G(3) Science, Technology and Society 3
Prerequisite: Admission to the Honors Program. This course will explore the interactions between scientific research, technological developments, and human society.

IDH 2403 - G(3) Realities of the Quilt: HIV/AIDS 3
Prerequisite: Admission to the Honors Program. HIV and AIDS do not simply involve a disease. They involve people, real live people — our family members, friends, and coworkers. This course examines psychological, sociological, biological, and physiological consequences of the HIV virus. Students will engage in research in and discussions of the relevant issues related to the disease and its effect on the individual, the family, and society as a whole. Students will be well informed about the transmission, prevention, and treatment of the virus.
**IDH 2405 - G(3)  It's Not Just Black and White: Prejudice**
Prerequisite: Admission to the Honors Program. Prejudice is not simply an expression of racial discord, but includes inequitable feelings and behaviors targeting many different groups. Dissonance exists between generations, between the sexes, between socioeconomic groups, between ethnic and religious groups to name a few. Who engages in prejudice? How does it develop? What can be done about it? This course examines psychological and sociological mechanics in the development of prejudice as well as the consequences of related behaviors. Students will engage in research and discussions of relevant issues related to prejudicial attitudes and the effects on the individual and society as a whole. Students will also examine mechanisms of attitude change which may be employed to reduce prejudicial behavior. In addition to research and discussion based classes, students will be guided through the process of producing a presentation suitable for a professional conference.

**IDH 2406 - G(3)  Psychosocial Aspects of Violence**
Prerequisite: Admission to the Honors Program. Few if any individuals escape violence in some form. Whether it is school violence, domestic violence, gang violence, stalking, or even serial killings, each of us are exposed to violence. This course examines psychological, sociological, biological, and physiological consequences of the violence.

**IDH 2407 - G(3)  Men, Masculinity, and Manhood**
Prerequisite: Admission to the Honors Program. Men… a simple word that means so many different things to different people, and that in the modern era is laden with subjective feelings about gender and masculinity. This course will explore the male experience from a variety of perspectives, but focusing primarily on social scientific views of masculinity. We will look back in time, across cultures, and at ourselves to explore the diversity of masculinities and how they influence other realms of social life for men and women.

**IDH 2442 - G(3)  Media Literacy**
Prerequisite: Admission to the Honors Program. This course is designed to help you see the real impact T.V. has on our culture. Its intent is to make you more critical receivers of information delivered to you by the television. We will hear from those who make television programming and we’ll visit some of the television stations and production studios where issues that touch our lives are compressed into ten second sound bites and minute long packages. We’ll hear how the technology is changing and what that means for our future. And we will put our favorite shows under a microscope to see what hidden messages lie behind the screen.

**IDH 2935 - G(3)  Honors Selected Topics**
Prerequisite: Admission to the University Honors track. Selected topics. Offerings have included: Image Culture; Moral Decision Making for the 21st Century; Care of the Soul on Campus; Food and the Popular Media; Great Books; Classics from East to West.

**IDH 2950 - Honors Portfolio**
Prerequisite: Admission to University Honors. University Honors students create an Honors Portfolio, an evidence-based document that certifies they have met Honors Program objectives at the end of their sophomore year.

**IDH 3352 - Florida As Text: An Ecological Inquiry**
Prerequisite: Admission to Honors in the Major or Interdisciplinary Honors. This is an academic experiential learning seminar that will examine Florida as a “text” which can be read and interpreted on different levels. Our inquiry will be interdisciplinary, integrating the methods and knowledge of history, geography, literature, biology, art, oceanography, anthropology, sociology, economics, politics, and space science. As an environmentally based course, we will focus on the natural and social ecologies of the state. The core of the seminar will be a two-week “field research” tour of Florida.

**IDH 3408 - Leadership in Contemporary America**
Prerequisite: Admission to Honors Program. This seminar will seek to describe and understand how the nation’s leadership dealt with this historic era (1939-1968). A cursory overview of the leadership personalities subsequent to 1968 will also be conducted at the conclusion of the course.

**IDH 3621 - The Healing Arts**
Prerequisite: Admission to the Honors Program. We will explore the classical traditions of medicine and their re-interpretation during the Protestant Reformation and the Scientific Revolution. Students will discover and analyze the tents of Galen, whose humoral system monopolized medicine for over a thousand years. They will learn about the role of the Church in regulating certain medical activity and why the arrival of religious reform challenged Galenic thought. Control of the medical marketplace by elitist physicians persisted until the 17th century, shutting out surgeons, apothecaries and other irregulars (including midwives and wise women) from licensed responsibility. Students will read about the era of empiricism, ushered in by the arrival of New World medicaments, which buttressed the search for specific cures. They will examine some of the publications that broke open the secrets of the medical profession so that, as the title of one such tract suggests, everyman became his own doctor.

**IDH 3630 - G(3)  Service Learning: At-Risk Youth**
Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service through The Bridge, a non-profit organization, which helps at-risk youth in Jacksonville. All students will participate in service at The Bridge, facilitating after-school programs one day per week (Monday-Friday). Students will have the opportunity to work in small groups with other Honors students and plan activities with the youth that will supplement programming at The Bridge and meet the needs of the children. Programs can include such things as service, athletics, tutoring, clubs and other activities. Planning weekly educational programs for youth is critical but this alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this service learning colloquium will provide a structured environment and exercises, which will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning colloquium, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

**IDH 3631 - G(3)  Service Learning: Health Issues**
Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service at St. Luke’s/Mayo Clinic hospitals. All students will participate in service at an assigned department within the hospital, helping staff and patients four hours per week. Students will have the opportunity to apply and select their area of interest, where they can learn first-hand issues facing health care providers and recipients. Weekly service is important but this alone does not constitute service learning; it is how students integrate this experience into themselves and their thinking. Unlike volunteerism, this service learning colloquium will
provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning section, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3632 - G(3) Service Learning: Environmental Issues
Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service through various service or educational organizations. All students will participate in service at an assigned site three hours per week. Students will choose in the beginning of the semester where they wish to participate in service and will have the opportunity to look at various issues related to the environment. Serving weekly, students will learn first-hand the challenges facing environmental organizations and or awareness education and see how they can directly impact and make a difference. This alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this Service Learning course will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning section, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3633 - G(3) Service Learning: Refugee Issues
Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service through Lutheran Social Services, a non-profit organization. Students will be matched in pairs with recent Bosnian refugees and have the opportunity to work closely with their families and build relationships, easing the transition into the United States. Serving weekly with families, students will learn first-hand the perils faced by recent immigrants and assist in their adjustment process. This alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this service learning colloquium will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning colloquium, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3635 - G(6) Service Learning: Alternative Spring Break
Prerequisite: Admission to the Honors Program. During this colloquium, students will have the opportunity to participate in the UNF Honors Program Alternative Spring Break to a location outside of Jacksonville. We will be serving at various non-profit organizations during this week, learning about the services they provide and discovering how the needs of the community are met or not met. Our focus will vary depending on the geographic location of the city and the issues facing the various service sites. We will study the city we visit and its history — past and present as well as examine our own history and identity.

IDH 3636 - G(3) Service Learning: Domestic Violence
Prerequisite: Admission to the Honors Program. During this course, students will experience service at the domestic violence shelter, Hubbard House. All students will participate in service at the shelter, based upon the training you take, you may work with the domestic violence survivors, their children and/or the batterers. Students will learn during the first class their options of service and the training dates at the shelter. Volunteering at domestic violence programs weekly is critical but this alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this service learning course will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with the experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning section, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3637 - G(3) Service Learning: Jaguars Mentoring
Prerequisite: Admission to the Honors Program. The Nike/Jaguars Foundation Community Scholars Program is an incredible partnership between the Jacksonville Jaguars Foundation and the University of North Florida Honors Program. You have been selected to be mentors in this program which helps “at-risk” students achieve the necessary skills to enter and succeed in college. Since you have recently navigated the maze to enter and succeed in college, you now have the chance to share your skills and knowledge with someone else. Paulo Freire, a Brazilian community organizer said: “We make the road by walking”, and that is what each of us will do this semester. As we walk through the challenges together of developing a mentoring and scholarship program, working with unique individuals and facing dilemmas and opportunities, we will create our own path and road. We will build this program from the progress of the first group of mentors (1998-1999), but realize that this is our program that we will create together. This is an incredible gift and responsibility.

IDH 3920 - G(3) Honors Colloquium
Prerequisite: Admission to any track of the UNF Honors Program. Special colloquium sections for students in the Honors Program. The subject of each section varies, but always includes Inquiry into Learning and Service Learning.

IDH 3922 - Thesis Research Prospectus Colloquium
Prerequisite: Admission to Honors in the Major or Interdisciplinary Honors. This colloquium will prepare you to begin your senior thesis research and write a successful research prospectus. Topics include thesis types and format, the role of faculty advisors, stating the problem, research methodologies, reviewing the literature, how to cite sources, making interdisciplinary connections, the timeline for completion, and writing the prospectus. Please note that all honors thesis students must have their research prospectus approved by the Honors Council before enrolling in IDH 4970 to complete their senior thesis.

IDH 3932 - Jr. Honors Interdisciplinary Seminar
Prerequisite: Admission to the Interdisciplinary Honors track. Corequisite: Maintain a 3.4 UNF cumulative GPA. A junior-level, interdisciplinary seminar offering a collaborative experience in which each student pursues a term-long project related to their particular major or to their prospective career. Course subjects vary from term to term.
IDH 4945 - G(6) Honors Practicum: Washington Center  v. 3-6
Prerequisite: Admission to any track of the UNF Honors Program. This course provides a supervised, full-time field experience in the nation’s capital through The Washington Center.

IDH 4970 - Honors Thesis  3
Prerequisite: Completion of IDH 3932. Corequisite: Maintain a 3.4 UNF cumulative GPA. A senior-level, directed research and thesis-writing experience in which the student works with a faculty mentor to produce a thesis or special project. The thesis or project will be evaluated by both the mentoring faculty member and two members of the Honors Council.

NUR 4917 - Honors Research  v. 1 - 3
Prerequisites: NUR 4165 and admission to the Honors Program in the College of Health. This course provides a vehicle for upper division nursing students to work closely with a faculty member on a research utilization or faculty research project. Students must enroll for 3 hours TOTAL credit over one or more semesters. May be repeated for a total of 9 credits.

PSY 4904 - G(3) Honors Research  v. 1-6
Prerequisites: Admission to the Honors in Psychology Program, PSY 3214, and one experimental course. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. Students must enroll for six hours total, which will usually be spread over two semesters.
Freshman and Sophomore Programs

The University of North Florida enrolls a limited number of well-qualified students in its freshman and sophomore classes. These four-year baccalaureate students must fulfill the University’s General Education requirements and satisfy the College-Level Academic Skills Test (CLAST) unless exempt, before entering upper level.

Admission

Because the University’s freshman and sophomore classes are limited in size, admission is on a selective basis. For information about admissions criteria and applications, consult the Admissions section of this catalog.

Academic Testing and Placement

Entering freshmen are subject to mandatory entry testing and placement, in compliance with Rule 6A-10.315. Pending SAT and/or ACT scores it may be necessary for students to take placement tests in the area of Reading, English and/or Math. The Center for Experiential Learning and the Office of Academic Testing will administer these exams during Freshman Orientation.

Academic Advisement

The Center for Freshman & Sophomore Advising provides professional academic advising for all students who have less than 60 semester hours. First-Time-In-College (FTIC) students are required to attend Freshman Orientation prior to enrolling in their first term at UNF. Special arrangements may be made for out-of-state or out-of-country students by contacting the Center at (904) 620-1012. Peer advisors assist professional advisors in the academic advising of all students and have become an integral part of the Center’s services to students. Peer advisors offer valuable insight as well as sharing their UNF experiences.

During the term in which students earn 60 semester hours, they must take the College Level Academic Skills Test (CLAST) unless exempt and apply to their desired major. Once accepted into a major program, students will transfer to the professional advising program in their college.

Limited Concurrent Enrollment Hours For Lower Division Students

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

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

General Education Council

The General Education program at UNF is governed by the General Education Council comprised of faculty members, and chaired by the dean of the College of Arts and Sciences or designee (non-voting). The Council’s voting membership consists of nine voting faculty members. This voting membership consists of College representatives (five), one selected from each College, and representatives elected by the Faculty Association (four), one from each of the four generic areas of humanities, social sciences, natural sciences, and mathemati-
eral sciences. The four representatives elected by the Faculty Association are to be chosen from among the faculty actually teaching general education courses, interpreted to mean that at time of election either currently teaching a course fundamentally general education, or having taught such a course during the preceding year. For a faculty member elected by the Faculty Association, their term on the Council is for two years, and may not exceed two consecutive terms. Terms are to be staggered so that half of the Council’s members that are elected by the faculty association are elected each year. The purview of the General Education Council includes issues of general education policy, the general education curriculum, general education courses not identified with a specific discipline, an on-going assessment of the General Education Program, and oversight responsibilities for the Associate in Arts degree Program. The dean of the College of Arts and Sciences or designee is responsible for administering the policies and curriculum as determined by the General Education Council, and joins with the council in monitoring budgetary issues related to general education. The General Education Council meets monthly and otherwise as necessary to respond to issues of curriculum and policy regarding general education.

**General Education Program** The three traditional components of undergraduate education are: 1) the academic major, 2) a minor and electives, and 3) general education. In the major, students examine a specialized field in depth and develop knowledge in preparation for a career. By their choice of a minor and electives, students are able to pursue additional areas of intellectual interests. Both the major and elective components help students develop as individuals. In addition to personal intellectual development, a key purpose of general education is to equip people for their common responsibilities as free people in a culturally diverse, open society. General education provides the opportunities to gain skills, knowledge and values necessary for individuals to participate fully in society. One must have the knowledge and skills to understand and argue the important issues of the day. To think effectively about contemporary issues such as poverty, environmental pollution, discrimination, or health care delivery requires knowledge of the natural, social, and mathematical sciences. Furthermore, these issues call for aesthetic and ethical reflection that is developed most profoundly through the arts and humanities.

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

**Skills**
- ability to read and write effectively
- ability to reason soundly, and to think critically and analytically
- ability to utilize information systems effectively

**Knowledge**
- understanding of the natural world
- understanding of the social/political/economic world
- understanding of history, literature, and philosophy

**Values**
- appreciation of significant artistic achievements
- understanding and appreciation of cultural, racial, and gender differences
- reflective understanding of one’s own values

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

Because basic academic skills are critical to the educational process, the curriculum attempts to fulfill both the letter and the spirit of the various regulations concerning communication and computation abilities (especially Rule 6A-10.30). The following required composition, literature and mathematics courses, which should be completed within the first 60 hours of credit, satisfy these regulations:

**English Composition:**
- **Required:** ENC 1101 G(6) College Writing* 3
- LIT 2110 G(6) Introduction to Literature** 3
- LIT 2932 G(6) Themes & Types in Lit. 3

All three courses focus on textual analysis and written reasoned argument. ENC 1101 addresses a variety of non-literary texts in an introductory course in critical reading and writing. LIT 2110 provides a general introduction to literature and makes of literary texts in three genres — fiction, poetry, and drama — the subject of analysis, the occasion for argument. LIT 2932 provides a focused investigation of a particular theme or type of literature and advanced practice in analysis and argument. These courses often include readings with a multicultural or gender emphasis. Each course requires 6,000 words of writing and must be completed with a grade of “C” or higher.

* ENC 1101 is a prerequisite for LIT 2110 and LIT 2932.
** LIT 2110 is a prerequisite for LIT 2932.

**Mathematics:**
- **Choose 2:**
  - MGF 1106 G(M) Finite Math 3
  - MGF 1107 G(M) Explorations in Math 3
  - MAC 1105 G(M) College Algebra 3
  - MAC 1147 G(M) Precalculus 4
  - STA 2014 G(M) Elementary Statistics for Health & Social Sciences 3

* MAC 2233 G(M) Calculus for Business 3
* STA 2023 G(M) Elementary Statistics for Business 3
**(Prereq. MAC 1105 or 1147)**

**MAC 2311 G(M) Calculus I 4**
MAC 2312 G(M) Calculus II  
**(Prereq. MAC 1147)**

At least one course must have a mathematical prefix. G(M)

Courses must be completed with a grade of C or higher.

**Humanities: 9 Semester Hours**

a) Choose 1:
   - EUH 1000 G(3) Freshman Core I 3
   - EUH 1001 G(3) Freshman Core II 3

b) Choose 1:
   - PHI 2010 G(3) Introduction to Philosophy 3
   - PHI 2100 G(3) Reasoning and Critical Thinking 3
   - PHI 2630 G(3) Contemporary Ethical Issues 3

G(3) Courses in Part A and B will have 3,000 words of evaluated writing and must be completed with a grade of C or higher.

c) Choose 1:
   - ARH 2000 Art Appreciation 3
   - MUH 2012 Enjoyment of Music 3
   - MUH 2018 The Evolution of Jazz 3
   - ARH 2050 Art History Survey I 3
   - ARH 2051 Art History Survey II 3
   - HUM 2210 Western Humanities 3

* MUT 1111 Theory I 3

* Must be proficient in music.

**Social Sciences: 6 Semester Hours**

Part A: Introductory Social Science. Choose 1:
   - AMH2020 U.S. History since 1877 3
   - CCJ 2002 Crime in America 3
   - ECO 2013 Principles of Macroeconomics 3
   - POS 2041 Introduction to American Government 3
   - PSY 2012 Introduction to Psychology 3
   - SYG 2000 Introduction to Sociology 3

Part B: CD - Cultural Diversity. Subject different from Part A. Choose 1:
   - ANT 2000 CD-Introduction to Anthropology 3
   - GEO 2420 CD-Cultural Geography 3
   - ANT 2930 AA CD-Kinship and Family 3
   - ASN 2003 CD-Introduction to Asia 3
   - ECP 2140 CD-Race/Gender in the American Economy 3
   - HIS 2311 CD-Women’s History 3
   - HIS 2930 AA CD-Nonwestern World History 3
   - MMC2701 CD-Communicating Across Cultures 3
   - POS 2932 AA CD-Politics of the Middle East 3
   - POS 2932 AB CD-Israel: Culture and Conflict 3
   - POS 2932 AD CD-Irish American Politics 3
   - PSY 2930 AA CD-African American Families 3
   - PUP 2312 CD-Race/Gender/Politics 3
   - REL 2300 CD-Comparative Religion 3
   - SYG 2013 CD-Sex, Race and Social Class 3

**Natural Sciences: 6 Semester Hours**

Six credit hours of Laboratory Science in astronomy, biology, chemistry, geology or physics. This requirement may be fulfilled with two 3.0 hour lab sciences or a four hour lab science and a two hour lecture course.

**Total 36 Semester Hours**

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

This curriculum was planned to complement the special requirements of the University’s existing majors and to provide a solid foundation for pre-professional programs. Successful completion of the 36 semester hours of the general education requirements should enable the student to do well on CLAST. All the tested skills will be covered in the designated curriculum.

**Scholarship Opportunities for Freshmen/Sophomores**

The University of North Florida offers a comprehensive scholarship program to attract and reward freshmen/sophomore students who have superior talent in academics, athletics, fine arts and extracurricular activities. Among the programs available are National Merit/National Achievement Scholarships, International Baccalaureate Scholarships, Eartha M. White Scholarships, University Scholar Awards, Special Presidential Achievement Awards and UNF Tuition Scholarships. For additional information, please refer to the Financial Information section of this catalog or contact the Office of Financial Aid and Scholarships at (904) 620-2604.

**The Honors Program**

Please refer to the Honors section of this catalog.
The faculty of the College of Arts and Sciences is committed to a liberal arts curriculum designed to prepare students for living, as well as for making a living. The challenge is to create an intellectual environment where the teaching and discovery of knowledge take place in such a way that today’s students may develop an intellectual capacity for understanding and meeting the demands of tomorrow’s increasingly complex society.

The college believes that in order for students to understand themselves and their role in society, they must become generalists as well as specialists. While it is unlikely that any curriculum designed today can anticipate accurately the specific knowledge and methodology required by society a decade or two from now, the student’s best insurance for coping with the future will be the development of a versatile mind, an ability to reason, an appreciation for our cultural heritage, and an understanding of the interdependence of knowledge.

The college offers the student balanced programs in the humanities and the sciences. The core in each major consists of knowledge so basic to the discipline that it is believed to have the highest survival value for both the student and society. For example, it has been said that if the present corpus of mathematical knowledge were not transmitted from one generation to the next, our technological development would quickly slow, and our society would soon be forced to retreat to lower levels of living. While transmission of core proficiency is certainly the prime responsibility of the college, it is not the college’s sole responsibility, for the college also must provide a liberal education which involves exposure to new ideas, new ways of thinking about old ideas and, above all, a place where student and professor have the common right to think uncommon thoughts and believe uncommon beliefs.

**Academic Advising**  The Advising Office serves all Junior, Senior and Post-Baccalaureate students pursuing majors in the College of Arts and Sciences. All students must arrange to meet with an academic advisor to obtain an official program of study preferably upon receiving the letter of admissions to UNF but no later that the end of the first semester. The program of study is an outline of the academic requirements needed to progress towards graduation. Students who fail to meet with an academic advisor by the end of their first semester at UNF or by the end of the first semester of Junior standing (for native students) will be placed on “Dean’s Hold” preventing future registration until a signed program of study is filed with the Advising Office.

The Advising Office is located in Building 8, Room 2353, (904) 620-2797, e-mail: asadv@unf.edu. Students may visit on a walk-in basis any Monday through Thursday from 9:00 - 12:00; and 2:00 - 4:00; or, by scheduled appointment (during non-registration times) any Monday through Thursday from 9:30 - 4:30. **Students should always call the Advising Office to confirm advising hours before visiting.** There are a limited number of evening advising sessions during non-registration times. Students must call the Advising Office for exact evening hours. Prospective students not yet admitted to UNF, or students seeking change of majors to the College of Arts and Sciences, are only provided general information during walk-in advising until they are officially accepted to UNF (or the major) as degree-seeking students. Information about the Advising Office is available on the internet. To visit our webpage enter: www.unf.edu/coas/adv.

**Requirements for Baccalaureate Degree**  A minimum of 120 semester hours is required for the bachelors degree. A minimum of 48 upper level hours is required to qualify for the undergraduate baccalaureate degree.

The post-baccalaureate degree requires a minimum of 30 upper level hours and all hours required to complete the core, major requirements, major electives and contextual requirements. In addition, prerequisites must be completed prior to
beginning the program and are not included in the 30 required upper level hour total. Courses completed while pursuing a previous degree will not satisfy requirements for the post-baccalaureate degree.

**The State of Florida Foreign Language Requirement**

By action of the Florida Legislature, all undergraduate students who entered a Florida public college or university after August 1, 1989 must have completed two years of foreign language in high school. This requirement does not supercede the College of Arts and Sciences graduation requirement in foreign language/foreign culture. Therefore, students must still fulfill this requirement even if two years of foreign language was taken at the high school level.

**Foreign Language/Foreign Culture Requirement for Bachelor of Arts Majors** Before being certified to graduate, all Bachelor of Arts majors in the College of Arts and Sciences must complete the Foreign Language/Foreign Culture requirement. Students who have completed two years of a foreign language in high school are still required to complete the Arts and Sciences Foreign Language/Foreign Culture requirement.

Students may complete this requirement by choosing one of the following options. All courses must be completed with grades of “C” or above.

**Study of a Foreign Language**

8 semester hours at the introductory level (sequential). 8-9 hours of American Sign Language is accepted. 

or

**Demonstrated Proficiency in a foreign language equivalent to at least 8 semester hours at the introductory level.** Students who wish to prove proficiency in a foreign language may arrange for a proficiency examination through the UNF foreign language coordinator or through successful scores (as determined by the UNF Office of Admissions) on foreign language subject area of the CLEP.

or

**Study of Foreign Cultures**

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

The common goal of both foreign language and foreign culture classes is that students begin to think from a point of view beyond that of their own culture. In gaining an appreciation of the many ways humans live together, adapt to their environment, and express their values and aspirations, we also develop new insight into our own culture. The study of foreign languages gives us the key to another culture. Fluency provides direct access to the cultural, intellectual, technical and economic heritage of peoples beyond our own small circles. Foreign culture courses explore one or several cultures in depth, including the perspective of the people themselves. These courses are interdisciplinary in that culture is interpreted broadly — with aspects ranging from the economic to the religious — and emphasizing the culture’s internal diversity. Students will have the opportunity to compare other cultures to their own.

**Cultural Diversity Policy** Foreign culture course offerings are listed each semester in the on-line schedule. Culture diversity courses (unless indicated with a “FC” prefix) may not satisfy the Foreign Culture requirement.

**College Policies:**

**Program of Study and Dean’s Hold:** Upon receiving the letter of transfer admissions to UNF or upon earning 60 semester hours as a lower division UNF native student, all students must arrange to meet with an academic advisor to obtain an official signed Program of Study. Students who fail to meet with an academic advisor by the end of the first semester at UNF or at the end of the first semester of junior standing are placed on “Dean’s Hold” preventing future registration until a signed Program of Study is on file in the Advising Office.

**Admissions From a Non-Degree or Special Student Status:** Students seeking a bachelor’s degree from the College of Arts and Sciences should meet all admission deadlines and policies to enroll as degree-seeking students. Students who are permitted to register as non-degree/non-admitted students or special students (see Admissions section of catalog for policies and procedures) may apply to degree seeking status after one semester. No more than 12 semester hours (or one semester) earned as a non-degree/non-admitted student or special student may be transferred to an undergraduate degree program in the College of Arts and Sciences.

**Students Admitted with less than 2.0 Grade Point Average:** Students given special admissions to major in the College of Arts and Sciences with grade point averages below 2.0 will be automatically placed on academic probation. Conditions for probation will be outlined by the Chairperson for the major department and must be satisfied by the end of the first semester as a major in the College to avoid suspension.

**First Day Attendance Policy:** Students must attend the first day of each enrolled class during any given semester. All academic departments in the College of Arts and Sciences have the right to administratively withdraw any student who fails to attend the first day of class or who fails to notify the academic department chairperson in advance if a class is to be missed.

**Double Counting Foreign Culture Courses:** Foreign culture courses may satisfy only one requirement. Courses may not be taken to fulfill both a foreign culture requirement and major, minor, or cultural diversity requirements. In addition, cultural diversity courses may not satisfy the Foreign Culture requirement. A list of approved Foreign Culture courses are found in the on-line schedule each semester. Grades of “C” or above required in all foreign culture courses.
Double Majors Within the College of Arts and Sciences: Any student pursuing two different majors under a single baccalaureate degree is considered a “double major.” For example, the Bachelor of Arts in History and Bachelor of Arts in English are both different majors under the same BA degree. Requirements for a double major are as follows:

1. All double majors must complete the foreign language/foreign culture requirement, prerequisites, major requirements, major electives, capstone/internship requirements (if applicable) and any outstanding general education and CLAST requirements for both majors with grades of “C” or above (or whatever grade policy either major specifies).
2. Double majors do not have to complete a minor.
3. A minimum of 120 overall semester hours must be completed (at least 48 hours must be upper level).
4. Individual courses may not double count to satisfy requirements for either degree.
5. Once the degree has been awarded in the double majors, subsequent course work cannot be added to create a second degree as a post-baccalaureate or Master’s student.
6. Double majors must be declared on the Change of Major Form found in the Registrar’s Office in Building 2.

Simultaneous/Dual Degrees Across Colleges: Students in the College of Arts and Sciences may pursue two simultaneous/dual undergraduate degrees across colleges if the second college agrees to the arrangement. A simultaneous/dual degree student is defined as one who completes requirements for two different degrees simultaneously whether in the same college or across colleges, i.e., earning a BFA degree while also earning a BA degree, etc. 

NOTE: The College of Education and Human Services will not allow simultaneous/dual majors in any education major. Requirements for the simultaneous/dual degree are as follows:

1. Students must complete all requirements for both degrees with grades of “C” or above (or whatever grade point average is required for both simultaneous/dual majors).
2. A minimum of 150 hours of course work must be completed to earn two different simultaneous/dual degrees.
3. All specific graduation requirements for both majors must be completed, including the foreign language/foreign culture requirement, any internships, prerequisites, etc.
4. Courses may not double count towards completion of requirements for either major or minor. Courses may only be used once in either simultaneous/dual major.
5. The simultaneous/dual major must be declared using the Change of Major form found in the Registrar’s Office in Building 2.
6. Students must meet with both academic advisors to obtain Programs of Study for both simultaneous/dual majors.

Note: Declared simultaneous/dual majors who decide to return to a single undergraduate major cannot later use the courses taken for the second major towards completion of a post-baccalaureate or Master’s degree once the first undergraduate degree has been awarded.

Students pursuing both the Bachelor of Arts in Art (all tracks) and the Bachelor of Fine Arts (all tracks): Art tracks are only specialities within the major. Students MAY NOT enroll in more than one B.A. in Art or B.F.A. in Fine Arts track. Instead, students MUST complete the B.A. in one major while simultaneously completing the B.F.A. in the other major. Students needing more clarification about this policy should consult their academic advisor. Students should be aware that all areas of the major, including the minor, contextuals and the foreign language/foreign culture requirement required in the B.A. degree, must be completed with grades of “C” or above. Courses may not double count towards completion of either major or minor. Individual courses are needed for each requirement.

College of Arts & Sciences Concurrent Enrollment: Concurrent enrollment at another institution while simultaneously attending UNF requires advisor approval on the Concurrent Enrollment form prior to enrolling in the transfer course. Students may NOT take courses at another institution in their final semester at UNF. This includes correspondence courses and CLEP examinations. Students who risk taking courses during their final semester must sign and submit the form called, “Early Grade Release - Final Term Grades for Graduating Seniors” found in the Registrar’s Office, Building Two. Special exceptions, such as relocation due to work reasons or military obligations, may be reviewed through the Waiver of University Policy petition process. Approvals from the Department Chairperson, Dean’s Office and Advising Office will be required. Students whose transcripts are not received by the deadline published for the semester of graduation, must reapply for the next term’s graduation.

CLEP Credit: Students desiring to satisfy general education, prerequisite requirements or other acceptable lower level requirements using the College Level Examination Program (CLEP) must first complete a UNF Concurrent Enrollment Form and obtain the approval of an Academic Advisor. Only subject exams will be accepted (not general exams). The Gordon Rule writing requirement may not be satisfied through CLEP exams. Gordon Rule mathematics may be satisfied using only subject exams in College Algebra or above (no exceptions will be made to substitute general examinations in mathematics). Natural Sciences may not be satisfied through CLEP exams. Students should be aware that the CLEP does not award upper level credit.

Prerequisites and Corequisites: (Prerequisite = taken before; corequisite = taken at the same time.) Students must complete all prerequisites required for individual courses and major programs. All prerequisites require grades of “C” or above. Faculty have discretionary authority to dismiss any student from a course who has not completed necessary course prerequisites. Fees will not be refunded for dismissal from a course by an instructor due to lack of required
Incomplete Grades: Faculty in the College of Arts and Sciences are not required to give incomplete (“I”) grades. In order for an “I” to be assigned, a substantial portion of the course work must have been completed with a passing grade. The time limit to remove an “I” grade is determined by the faculty but cannot exceed one academic year or graduation, whichever comes first. After the allotted time has run out, all incomplete grades turn to “F”s which are calculated in the cumulative grade point average. Students may not re-register for any course in which an incomplete grade was received but must arrange to participate in the course by approval of the faculty teaching the course in which the “I” was received. Students may not graduate with outstanding “I” grades.

Overload Policy: Students who desire to register for 21 or more semester hours during any term will need electronic overload approval from the College of Arts and Sciences Dean’s Office. A cumulative UNF grade point average of 3.0 or above will be required before overload approval is granted.

Change of Major: Students interested in changing to a major in the College of Arts and Sciences must first possess a 2.0 cumulative grade point average. Students should review the UNF catalog to determine major options and the requirements for the majors of interest. Undecided students should arrange to meet with a Career Counselor in the Office of Career Services to explore major and career options. Majors may also be explored on-line at www.unf.edu/dept/cdc. Once the major is decided, the “Change of Major” form must be submitted to the Registrar’s Office in Building Two. After receiving notification of acceptance to the major, students should call the Advising Office at 620-2797 to arrange to meet with an academic advisor either by walk-in or appointment basis.

Suspension Policy: Students who do not satisfy the conditions of academic probation may be placed on academic suspension for a period of one academic semester. Release from suspension will require the approval of the College’s Suspension Review Committee and the Department Chairperson. Conditions will be outlined for continued probation. The Suspension Review Committee will make a recommendation on whether to continue probation or reinstate suspension. Students continued on probation will need to arrange an advising session with an Academic Advisor to obtain an updated Program of Study. However, the Department Chairperson has the option to deny readmissions to the major if the GPA is too low.

Students who receive a second suspension action may be placed on suspension for a period of two semesters. A third suspension action results in a year’s suspension. A year’s academic suspension will break UNF’s “continuous enrollment” policy and will require readmissions to UNF through the Office of Admissions.

Former students not in good standing must file a request for readmissions in the Office of Admissions ten weeks prior to the deadline for admissions for the term they wish to enroll.

Graduation: In order to qualify for graduation, undergraduates must complete all Gordon Rule (if applicable), prerequisite, requisite, general education, major, minor, contextuals, capstone/internships, and foreign language/foreign culture requirements (if applicable) with grades of “C” or above. Post-Baccalaureate students must earn a minimum of 30 upper level hours and complete all prerequisites, major requirements, major electives, and capstone/internship requirements (if applicable) with grades of “C” or above.

The application for graduation must be filed with the Registrar’s Office preferably by the first week of classes during the final semester. The deadline for application is always published in the calendar of the on-line schedule each semester.

Arts and Sciences majors may not take courses at other institutions during the semester of graduation. Special exceptions, such as relocation of students who are subject to military obligations, may be reviewed by petition by the Arts and Sciences Dean’s Office. All final official transcripts must be received and processed in the Office of Admissions prior to the deadline established by the Registrar’s Office. If final transcripts are not received, students must reapply for graduation by the established deadline to be considered for the following semester.

Contextual Studies and the Minor: Contextual studies are courses closely allied to the subject matter of the major; for example, quantitative analytical chemistry is a required contextual study for majors in Biology.

Minors are organized sequences of courses in interdisciplinary areas intended to supplement the student’s major interest. A minor consists of 15 semester hours of course work, including any prerequisites, in an approved minor sequence (see the approved list of minors in this section). Bachelor of Science majors in Mathematics and Statistics must complete the number of hours required for their specific minor, usually from 12-18 hours. All minors must be selected from the list of approved minors, including approved minors outside the College of Arts and Sciences. Students should be aware that a minor is not offered in Education.

The Major: The major is designed to develop the student’s competence in a specific field. All majors within the College of Arts and Sciences contain a minimum of 24 semester hours within the designated discipline area. Specific requirements for majors and minors available in the College of Arts and Sciences are described on the following pages for the disciplines.

Transfer Hours: Students transferring from other institutions with upper level major courses may request to apply a
The maximum of 15 semester hours toward major requirements but at least fifty percent of the major must be completed at UNF. Transfer courses must be equivalent in course content and title to UNF’s major requirements, must carry upper level numbers and must be grades of “C” or above (unless higher grades are specified by the academic major). Major requirements are found under the individual academic departments.

**The Bachelor of Arts Degree** All Bachelor of Arts degree students must complete both a major and a minor. The major shall require not more than ten upper level courses and must include at least 24 upper-level semester hours. If a major requires more than 30 upper-level semester hours, then all hours in excess of 30 shall be added to the minimum number of hours required for graduation.

**MAJORS:**
- **ANTHROPOLOGY** BA
- **ART** BA
  - With Tracks in:
    - Art History
    - Ceramics & Sculpture
    - Painting & Drawing
- **BIOLOGY** BS
- **CHEMISTRY** BS
- **COMMUNICATIONS** BS
  - With Tracks in:
    - Advertising
    - Broadcasting
    - Journalism
    - Public Relations
- **CRIMINAL JUSTICE** BA
- **ECONOMICS** BA
- **ENGLISH** BA
- **FINE ARTS** BFA
  - With Tracks in:
    - Ceramics & Sculpture
    - Graphic Design (limited access)
    - Multi-Media (limited access)
    - Painting & Drawing
    - Photography
- **GENERAL MUSIC (Voice/Piano only)** BM
- **HISTORY** BA
- **INTERDISCIPLINARY SCIENCES** BS
- **INTERNATIONAL STUDIES** BA
- **JAZZ STUDIES** BM
- **LIBERAL STUDIES** BA
- **MATHEMATICS** BA
- **MATHEMATICS** BS
- **MUSIC (Classical)** BA
- **PHILOSOPHY (General)** BA
  - With Tracks in:
    - Advanced Studies
    - Applied Ethics
    - Historical and Comparative
    - Literary and Cultural
    - Legal, Political and Social Studies
- **PHYSICS** BS
  - Civil Engineering Track
  - Computing Emphasis Track
  - Electrical Engineering Track
  - Mechanical Engineering Track
- **POLITICAL SCIENCE** BA
- **PSYCHOLOGY** BS
- **SOCIOLOGY** BA
- **SPANISH** BA
- **STATISTICS** BA
  - BFA
- **STATISTICS** BS

**MINORS:**
- Anthropology
- Applied Statistics
- Art - History
- Art - Photography
- Art - Studio
- Asian Studies
- Biology
- Chemistry
- Classical Civilization
- Communications
- Criminal Justice
- Economics
- English
- Environmental Studies
- Film Studies
- French
- Gender Studies
- History
- International Studies
- Mathematics
- Music History
- Philosophy
- Philosophy: Applied Ethics
- Philosophy: Culture and Philosophy
- Philosophy: Law and Philosophy
- Physics
- Political Science
- Psychology
- Public Administration
- Religious Studies
- Social Welfare
- Sociology
- Spanish
- Statistics

Approved minors from other colleges:
(see respective college section.)
- Business Administration
- Computer Science
- Electrical Engineering
- Health Sciences
- Information Systems
- Technologies

**The Bachelor of Fine Arts Degree** The College of Arts and Sciences offers the Bachelor of Fine Arts degree with concentrations in Ceramics/Sculpture, Graphic Design, Multi-Media, Painting/Drawing, and Photography. The requirements are described on the following pages.

**The Bachelor of Science Degree** The College of Arts and Sciences offers the Bachelor of Science degree in Biology, Chemistry, Communications, Interdisciplinary Sciences, Mathematics, Physics, Psychology, and Statistics. The requirements are described on the following pages.
The Bachelor of Music Degree The College of Arts and Sciences offers the Bachelor of Music degree in Jazz Studies and General Music (Voice/Piano). The requirements are described on the following pages.

Gender Studies Minor Program
The purpose of the Gender Studies minor is to provide interested students with an opportunity to focus a portion of their college studies on issues related to women's lives, culture and history, men's studies, and to the impact of gender on human experience and behavior across a variety of disciplines.

In particular, the minor explores gender issues and experiences and fosters educational equity. It provides an opportunity for faculty and students alike to explore women's changing social roles, experiences, problems, and contributions to society, which often have been omitted in the traditional academic disciplines. Also included in the gender studies minor is the growing new area of men's studies which focus on men as a sex and how gender impacts men's lives. In addition, the minor examines how gender identities about men and women are created by a variety of societal forces that change over time and from culture to culture, the wider ramifications of these changes for all genders, and for the general perception of gender in society. Courses in the Gender Studies minor investigate the full diversity of women's and men's experience and gender issues. The minor provides opportunities for true interdisciplinary learning, since the program requires students to take courses from across college and university offerings.

The program of study for the minor in Gender Studies consists of one required core course and twelve (12) hours of electives from an approved list of existing courses which is maintained by the Gender Studies Committee. New courses which are added to the list. All students selecting the Gender Studies minor who wish to take a course which does not appear on the list and receive credit for it towards the minor must have approval from the Director of Gender Studies.

Beginning in the fall 2001 semester, before graduation all students with the minor must complete at least one of the following: a) an internship or service learning project with an appropriate agency approved by the Director; b) a major research paper on a gender studies topic. This requirement may be fulfilled either in the core or one of the elective courses or through an Independent Study, internship, etc., supervised by a faculty member. The Independent Study, internship, or service learning project will be used to help satisfy the unit requirement for the minor. This new requirement will only apply to students who enroll in the minor beginning in the fall of 2000. Students who declare the minor before that semester are exempt from this requirement.

Minor: Gender Studies Minor

<table>
<thead>
<tr>
<th>Minor Requirements</th>
<th>(15 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYD 3800</td>
<td>3.0 CD-Gender &amp; Society</td>
</tr>
<tr>
<td>Select Four Courses</td>
<td></td>
</tr>
<tr>
<td>SOP 3742</td>
<td>3.0 CD-Psych Of Women</td>
</tr>
<tr>
<td>CCJ 4663</td>
<td>3.0 Women And Crime</td>
</tr>
<tr>
<td>HSC 4579</td>
<td>3.0 Women's Hlth Issues</td>
</tr>
<tr>
<td>FOT 3552</td>
<td>3.0 (FC)Women Arab World</td>
</tr>
<tr>
<td>LIT 4930 AH</td>
<td>3.0 18th Cent Wom Nvlsts</td>
</tr>
<tr>
<td>ASN 3106</td>
<td>3.0 FC-Japanese Women</td>
</tr>
<tr>
<td>SYA 4930 AL</td>
<td>3.0 Women And The Law</td>
</tr>
<tr>
<td>LIT 4930 AE</td>
<td>3.0 South Women Writers</td>
</tr>
<tr>
<td>AML 3621</td>
<td>3.0 G(3)Black Amer. Lit.</td>
</tr>
<tr>
<td>LIT 4930 AI</td>
<td>3.0 Irish Women Writers</td>
</tr>
<tr>
<td>LIT 4930 AR</td>
<td>3.0 ST:Sensed&amp;Sensibility</td>
</tr>
<tr>
<td>POS 4932 AB</td>
<td>3.0 Women/Pwr Orgnzn</td>
</tr>
<tr>
<td>REL 3145</td>
<td>3.0 Woman Relg Wst Exper</td>
</tr>
<tr>
<td>SYO 3110</td>
<td>3.0 Sexuality/Marriage</td>
</tr>
</tbody>
</table>

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

PreMedical Program

Ray D. Bowman, Ph.D.  PreMedical Professions Advisor

The College of Arts and Sciences offers a PreMedical Professions Program under the auspices of the Department of Biology and the Department of Chemistry and Physics. The PreMed Program is not an academic program, rather it is an advising and support system for students preparing for careers in medicine, dentistry, pharmacy, optometry, podiatry, or veterinary medicine. Program components include: medical professional school academic advising by a UNF faculty member; program advising by professional academic advisors in the College of Arts and Sciences; special information services on professional school entrance testing, application process, volunteer opportunities, and interviewing techniques, and seminars by practicing professionals on career opportunities. A Premed Certificate program is available to post-baccalaureate students who wish to apply to medical professional schools for the first time. Features of the certificate program include all appropriate undergraduate course work, opportunities for advanced course work at UNF and at Mayo Clinic Jacksonville, and mentoring by practicing doctors. Students may also participate in the student organizations PreMed Society or the UNF Chapter of the American Medical Student Association (AMSA). Students interested in seeking counsel from the PreMedical Professions Advisor may call (904) 620-2608 or visit the website at http://www.unf.edu/dept/premed/.
The College of Arts and Sciences offers a Pre-Law Program to enhance the preparation of the undergraduate student interested in pursuing law school and entrance into law school or a law-related career. The Pre-Law Program is multi-faceted in the range of services to students preparing for the rigor of legal training. Components of the program include thorough pre-law advising, curriculum analysis and assistance with appropriate course selection, and preparation for the Law School Admission Test (L.S.A.T.). The program assists students in preparing for the LSAT in various ways: by helping students form study groups, by lending students a four part film series describing and analyzing the types of questions students will experience on the LSAT, and by lending students pre-tests and booklets. The Pre-Law Program assists students in acquiring the necessary background and skills for law school admission and provides the guidance and practical information to maximize the student’s opportunities for success in the field of law. The Pre-Law Program has developed four undergraduate courses which focus on the application of specific skills and perspectives such as: analytical thinking and problem solving, critical reading and writing, oral communication, research, task organizing and management, the values of serving others and promoting social justice and knowledge. The first of the courses, “Mock Trial,” was instituted during the Summer term of 1995. Students learn the fundamentals of trial techniques and strategy by active participation in mock trials. The examination of witnesses provides students with opportunities to practice direct and cross-examination skills acquired during the course. In 1996, the University joined the American Mock Trial Association and fielded its first Mock Trial team. Currently, two mock trial teams annually compete in the Southeastern Regional Mock Trial Qualifying Tournament. Five times during the past seven years UNF teams have competed in the national tournaments. The Program Director has been serving as the teams Educator Coach. Local attorneys assist in coaching the students as they prepare for competition. Another course “The Law and Social Responsibility” contains a historical, philosophical, and sociological examination of law and legal practitioner with special reference to such questions as: “Do law, lawyers, and law enforcers make people socially responsible?” The third course, “Pre-Law Seminar: Ethics, Standards and Values” focuses on the ethical role a contemporary lawyer has in an ever changing society. The fourth course, “Child Advocacy,” deals with the role various professionals perform in dealing with the rights of children within the legal system. The program maintains a resource center with the latest information on the L.S.A.T., various law school catalogues, information on applying to law schools, and other relevant information. Also active on campus are student run Pre-Law Society and Mock Trial Organization. Prospective students are welcome to visit the pre-law offices throughout the year or visit the website at http://www.unf.edu/coas/pre-law/. Students interested in the Pre-Law Program should consult the Director of the Pre-Law Program, Building 839, telephone number (904) 620-1069.

Pre-Law Program
Martin I. Edwards, Director Pre-Law Program

BA in International Studies
Thomas M. Leonard, Professor and Director

The Departments of Sociology, Anthropology and Criminal Justice; Economics and Geography; English and Foreign Languages; History; Philosophy; and Political Science and Public Administration cooperatively offer the interdisciplinary program in international studies.

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

Foreign language proficiency is required. Students may satisfy the foreign language requirement by attaining proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of 6 semester hours beyond the 8 hour introductory sequence in any foreign language. Students already proficient in two languages may petition the Program Director to substitute two regional/thematic courses in place of the additional language courses.

Major: International Studies
Track: International Studies
Degree: Bachelor of Arts

Foreign Language (08 SEMESTER HOURS)
Select 1 Sequence
- SPN 1120 4.0 Beginning Spanish I
- SPN 1121 4.0 Beginning Spanish II
- FRE 1120 4.0 Beginning French I
- FRE 1121 4.0 Beginning French II
- FOL 2930 4.0 Beging Forn Lang I
- FOL 2931 4.0 Beging Forn Lang II

Major Requirements (3000 - 4000 LEVEL) (12 SEMESTER HOURS)
Students should have language proficiency or CLEP equivalent to 2 beginning & 2 intermediate level languages (in same language).
- ANT 4495 3.0 Cross-Cultural Methd
- INR 3016 3.0 Global Iss Cont Pol
- ECO 3701 3.0 CD-Contemp Int’l Eco
- GEO 3553 3.0 Cult Dinn Of Eco Geo

Major electives (12 semester hours)
Thematic or regional studies area
Select 4 courses from one of the following areas:
Asian Studies, European Studies, Latin American Studies, International Relations & Politics, or Foreign Language & Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASN 3106</td>
<td>3.0 FC-Japanese Women</td>
<td></td>
</tr>
<tr>
<td>ASH 3400</td>
<td>3.0 CD/(FC)20c Chinese Civ</td>
<td></td>
</tr>
<tr>
<td>ASH 3440</td>
<td>3.0 CD-(FC)Japan Civilizt</td>
<td></td>
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<tr>
<td>ASH 3441</td>
<td>3.0 Japan Before 1868</td>
<td></td>
</tr>
<tr>
<td>ASH 3444</td>
<td>3.0 Japan After 1868</td>
<td></td>
</tr>
<tr>
<td>ASH 3448</td>
<td>3.0 (CD)/FC-Hiroshima</td>
<td></td>
</tr>
<tr>
<td>EUH 3581</td>
<td>3.0 Russia In Asia</td>
<td></td>
</tr>
<tr>
<td>HIS 3932 BG</td>
<td>3.0 (FC)/ST: Hong Kong</td>
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</tr>
<tr>
<td>LIT 3193</td>
<td>3.0 (FC)/G3 Lit Of East</td>
<td></td>
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<tr>
<td>PHH 3860</td>
<td>3.0 (FC)/Japanese Mind</td>
<td></td>
</tr>
<tr>
<td>PHH 3820</td>
<td>3.0 (FC)/Chinese Philosph</td>
<td></td>
</tr>
<tr>
<td>POS 4932 AH</td>
<td>3.0 ST: Pol/Asian/Trade</td>
<td></td>
</tr>
<tr>
<td>REL 3310</td>
<td>3.0 Asian Religions</td>
<td></td>
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<tr>
<td>REL 3334</td>
<td>3.0 Hsty Indian Rg Thou</td>
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<tr>
<td>ASH 3337</td>
<td>3.0 (FC)/Ghandi/Mod India</td>
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European Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CPO 3123</td>
<td>3.0 (FC)/Pol/Soc Brit&amp;Irl</td>
<td></td>
</tr>
<tr>
<td>EUH 3205</td>
<td>3.0 19th Century Europe</td>
<td></td>
</tr>
<tr>
<td>EUH 3206</td>
<td>3.0 20th Century Europe</td>
<td></td>
</tr>
<tr>
<td>EUH 3320</td>
<td>3.0 Eastern Europe</td>
<td></td>
</tr>
<tr>
<td>EUH 3451</td>
<td>3.0 France Since 1789</td>
<td></td>
</tr>
<tr>
<td>EUH 3466</td>
<td>3.0 (FC)/Germany Today</td>
<td></td>
</tr>
<tr>
<td>EUH 3502</td>
<td>3.0 Modern Britain</td>
<td></td>
</tr>
<tr>
<td>EUH 3575</td>
<td>3.0 Imperial Russia</td>
<td></td>
</tr>
<tr>
<td>EUH 3576</td>
<td>3.0 20th Cen Russia (Sov)</td>
<td></td>
</tr>
<tr>
<td>EUH 4294</td>
<td>3.0 Sem: Modern Europe</td>
<td></td>
</tr>
<tr>
<td>LIT 3184</td>
<td>3.0 (FC)/3G Irish Lit/C</td>
<td></td>
</tr>
<tr>
<td>LIT 4186</td>
<td>3.0 Studies In Irish Lit</td>
<td></td>
</tr>
<tr>
<td>PHH 4601</td>
<td>3.0 20th-Cent Cont Phil</td>
<td></td>
</tr>
<tr>
<td>HIS 4936 AJ</td>
<td>3.0 Sem:Hitler&amp;Stalin</td>
<td></td>
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<tr>
<td>PHH 4620</td>
<td>3.0 20 C Phil: Anglo/Am T</td>
<td></td>
</tr>
<tr>
<td>SPN 3500</td>
<td>3.0 (FC)/Peop/ Ccult Spain</td>
<td></td>
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Latin American Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ANT 4331</td>
<td>3.0 (FC)/Peoples Of Andes</td>
<td></td>
</tr>
<tr>
<td>LAS 3020</td>
<td>3.0 (FC)/Peop/Cult Carib</td>
<td></td>
</tr>
<tr>
<td>LAH 3300</td>
<td>3.0 CD-(FC)/Mod Lat Amer</td>
<td></td>
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<tr>
<td>LAS 3031</td>
<td>3.0 (FC)/Peo/Cul So Cone</td>
<td></td>
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<tr>
<td>LAH 3712</td>
<td>3.0 (FC)/Inter-Am Relatns</td>
<td></td>
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<tr>
<td>LAS 3005</td>
<td>3.0 (FC)/Latin Amer Cult</td>
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</tr>
<tr>
<td>LAS 3033</td>
<td>3.0 Peop/Cult C Am/Mex</td>
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</table>

Middle East And Africa

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ASH 3223</td>
<td>3.0 CD-(FC)/Middle East</td>
<td></td>
</tr>
<tr>
<td>FRT 3551</td>
<td>3.0 Franco Afri Lit Cult</td>
<td></td>
</tr>
<tr>
<td>HIS 3932</td>
<td>3.0 Spec Topics:History</td>
<td></td>
</tr>
<tr>
<td>REL 3695</td>
<td>3.0 Sele Tps Jewish Stud</td>
<td></td>
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</table>

International Relations & Politics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>AMH 3511</td>
<td>3.0 US In World Affairs</td>
<td></td>
</tr>
<tr>
<td>AMH 3544</td>
<td>3.0 1960s &amp; Vietnam War</td>
<td></td>
</tr>
<tr>
<td>AMH 4514</td>
<td>3.0 Sem:U.S.Diplomacy</td>
<td></td>
</tr>
<tr>
<td>ANT 3212</td>
<td>3.0 CD-(FC)/Peo/Cult Wrld</td>
<td></td>
</tr>
<tr>
<td>ANT 3431</td>
<td>3.0 (FC)/Peoples Of Andes</td>
<td></td>
</tr>
<tr>
<td>CPO 3123</td>
<td>3.0 (FC)/Pol/Soc Brit&amp;Irl</td>
<td></td>
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<tr>
<td>CPO 4034</td>
<td>3.0 Third World Politics</td>
<td></td>
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<tr>
<td>CPO 4930</td>
<td>1-4 Topics:Comptvte Pol</td>
<td></td>
</tr>
<tr>
<td>ECO 3703</td>
<td>3.0 International Trade</td>
<td></td>
</tr>
<tr>
<td>ECO 4504</td>
<td>3.0 Public Finance</td>
<td></td>
</tr>
<tr>
<td>ECO 4723</td>
<td>3.0 Inter Monetary Sys</td>
<td></td>
</tr>
<tr>
<td>FIN 4604</td>
<td>3.0 International Finance</td>
<td></td>
</tr>
</tbody>
</table>

GEO 3502 | 3.0 Economic Geography

HIS 3307 | 3.0 Modern War

INR 4334 | 3.0 Amer Def Nuclear Age

PHH 4620 | 3.0 C Phil/Anglo/Am T

POS 4932 AH | 3.0 ST: Pol/Asian/Trade

REL 3443 | 3.0 Liberation Theologie

SYP 3440 | 3.0 Soc Chg Internat Dev

Foreign Language & Culture

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>FOL 3930</td>
<td>2-4 Sp Top: Foreign Lang</td>
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</tr>
<tr>
<td>FOL 3953</td>
<td>3-6 Adv For Lang Abroad</td>
<td></td>
</tr>
<tr>
<td>FOT 3931</td>
<td>3.0 Stud In Forgn Cult</td>
<td></td>
</tr>
<tr>
<td>FOT 3552</td>
<td>3.0 (FC)/Women Arab World</td>
<td></td>
</tr>
<tr>
<td>FRE 3440</td>
<td>3.0 Fre For Professions</td>
<td></td>
</tr>
<tr>
<td>FRE 4501</td>
<td>3.0 France Today</td>
<td></td>
</tr>
<tr>
<td>FRT 3550</td>
<td>3.0 (FC)/Faces Of France</td>
<td></td>
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<tr>
<td>FRW 3100</td>
<td>3.0 Srv Fre Lit Pre 19c</td>
<td></td>
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<tr>
<td>FRW 3101</td>
<td>3.0 Srv Fre Lit Mod Per</td>
<td></td>
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<tr>
<td>FRW 4301</td>
<td>3.0 Fr Cult thru Theater</td>
<td></td>
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<tr>
<td>SPN 3013</td>
<td>3.0 Span For Professions</td>
<td></td>
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<tr>
<td>SPW 3100</td>
<td>3.0 Survey: Spanish Lit</td>
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</tr>
<tr>
<td>SPW 3130</td>
<td>3.0 Survey: Lat Amer Lit</td>
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</tr>
<tr>
<td>SPW 4202</td>
<td>3.0 Modern Lat Amer Lit</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

All minors require 15 hours. See catalog for list.

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

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

* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).

* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).

* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.

* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).

* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.

* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.

* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

International Studies Minor

The Departments of Sociology, Anthropology and Criminal Justice; Economics and Geography; English and Foreign Languages; History, Philosophy and Religious Studies; and Political Science and Public Administration cooperate in offering an interdisciplinary program in international studies.
The minor in international studies allows undergraduate students to pursue an interdisciplinary and comparative study of foreign cultures and societies while fulfilling the academic requirements for a minor in one of the College of Arts and Sciences degree programs.

Minor: International Studies Minor
Minor Requirements
(3000 - 4000 LEVEL) (15 SEMESTER HOURS)
Select Three Courses
- ANT 4495 3.0 Cross-Cultural Method
- INR 3016 3.0 Global Issues Cont Pol
- ECO 3701 3.0 CD-Contemp Int’l Eco
- GEO 3553 3.0 Cult Dmm Of Eco Geo

2 Minor Electives (3000 - 4000 LEVEL)
Select 2 from (see list): Asian Studies/European Studies/Latin America/International Relations/International Politics/Foreign Language & Culture/Mideast & Africa

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

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

Irish Studies The university regularly offers Irish Studies courses in literature, art history, history, and political science, and hopes to be adding Irish Studies courses and courses with significant Irish content in other disciplines. Such courses may count toward an appropriate major or minor, including the International Studies major or minor (above), or as electives. LIT 3184, Introduction to Irish Literature and Culture, has been approved as a foreign culture course. POS 2932, Irish-American Politics and Culture, has been approved as a cultural diversity course.

Each fall and spring semester a variety of public events — lectures, concerts, poetry readings, symposia, etc. — are offered in the John Francis Reilly Irish Studies Performance and Lecture Series. To encourage the inclusion of Irish Studies content in courses within any appropriate discipline, John Francis Reilly Irish Studies Fellowships are periodically awarded to faculty. Each spring the Moriarty Prize of $250 is awarded at the university convocation to the undergraduate student whose work in Irish Studies, in any academic discipline, has been judged most outstanding. For information about the Irish Studies initiative at UNF, contact Richard Bizot, Coordinator of Irish Studies, in Building 8, Room 2345, or E-mail rbizot@unf.edu or phone (904) 620-2273.

Liberal Studies Degree Program For students who wish to explore an intellectual field not contained or defined by an existing major, the College of Arts and Sciences offers a Bachelor of Arts in Liberal Studies. This degree program provides an opportunity for the in-depth study of such interdisciplinary topics as aging or neurophysiology. Note that the liberal studies major is not a vehicle for general study in the various liberal arts disciplines, but is intended to focus on a cross-disciplinary research project that does not fall within a conventional major.

Students, in cooperation with an advisor, design their own curriculum. The program challenges students to assume major responsibility for the direction of their own education and expects a high level of motivation and achievement from them. Students with less than a 3.0 GPA will not ordinarily be approved for Liberal Studies.

The requirements for completing the liberal studies program are:
1. Distribution Requirement - Each student will choose one course from each of the four discipline areas within the College of Arts and Sciences (communicative arts, fine arts, social sciences and natural and mathematical sciences).
2. Electives - With the approval of a college advisor each student may choose 33 semester hours of elective credits, with no more than 9 semester hours from outside the College of Arts and Sciences.
3. Major Theme - Each student will choose a theme area and, under the guidance of a major professor will take 9 semester hours of course work and a College of Arts and Sciences methodology course in preparation for the liberal studies exposition.
4. Liberal Studies Exposition - At the culmination of the student’s program, each student will undertake a 3 semester hour project designed in consultation with and approved by the student’s major professor.

Students interested in the liberal studies program should contact an advisor in the College of Arts and Sciences, 620-2797. Final approval of the student’s plan of study will be made by the chair of the Department of History. No approval will be given until the student has drafted a proposed program of study in consultation with an advisor.

Major: Liberal Studies
Track: Liberal Studies
Degree: Bachelor of Arts

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Requires grades of “C” or above.
Note: language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

Select 1 Sequence
- SPN 1120 4.0 Beginning Spanish I
- SPN 1121 4.0 Beginning Spanish II
- FRE 1120 4.0 Beginning French I
- FRE 1121 4.0 Beginning French II
- FOL 2930 4.0 Beginning Forgn Lang I
- FOL 2931 4.0 Beginning Forgn Lang II
- SPA 4620 3.0 American Sign Lang I
- EEX 4930 AF 1.0 ASL Lab I
SPA 4623 3.0 Ameri Sign Lang II
EEX 4930 AE 1.0 ASL Lab II

Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied)
See list of foreign culture courses through the online schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

Major Requirements (3000 - 4000 LEVEL) (12 SEMESTER HOURS)
1 course from fine art/communicative art/social sci/natural sci Must be 3000/4000 level

1 Fine Art (3000 - 4000 LEVEL)

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

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

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

Major Electives (3000 - 4000 LEVEL) (40 SEMESTER HOURS)
Courses to be chosen in in areas related to major theme.
No more than 9 hrs outside the College of Arts & Sciences

Select 1 Research Methods appropriate to exposition topic
Note: POS 3713, SYA 3300, and PSY 3214/3214L all require Elementary Statistics.

Select 3 Theme Courses (3000 - 4000 LEVEL) (must be directly related to exposition topic)
Exposition Course
(students must submit a completed exposition proposal form for approval before registering for IDS 4910)

IDS 4910 3-9 Liberal Studies Expo

Exposition title
“Students must select a supervising professor & submit the exposition proposal form preferably before taking theme courses and enrolling in the exposition course. Students should contact their advisor for additional details”

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.

Department of Biology
620-2830

Gregory A. Ahearn, Professor and Chair
Joseph A. Butler, Professor
Gerald J. Stine, Professor
Doria F. Bowers, Assistant Professor
Matt Gilg, Assistant Professor
John D. Hatle, Assistant Professor
Michael Lentz, Assistant Professor
Anthony Rossi, Assistant Professor
Kelly J. Smith, Assistant Professor
David Beall, Visiting Assistant Professor
Robert K. Moats, II, Visiting Assistant Professor
Andrew Beall, Laboratory Lecturer
Christopher Davison, Laboratory Lecturer
Marguerite Jones, Laboratory Lecturer
Aileen Marie Miller, Laboratory Lecturer
Janice Swensson, Laboratory Lecturer
Justin M. Wilcox, Laboratory Lecturer
Charles B. Coughlin, Visiting Laboratory Lecturer
Anita Mandal, Visiting Laboratory Lecturer
Keith Stokes, Coordinator, Research Programs & Services

The Department of Biology offers a Bachelor of Science degree for majors in Biology. The curriculum for the Biology degree prepares students for employment, graduate studies, and other professional programs such as human and veterinary medicine, dentistry, and optometry. In conjunction with the College of Education and Human Services, the Department also offers B.A.E. and M.A.E. degrees with majors in biology or general sciences. There is also the opportunity for a combined degree program with the University of Florida College of Dentistry, and students interested in this program are encouraged to consult with the PreMedical Advisor. The Department is designing a major in Environmental Biology that would prepare students for entry level environmental positions, and more information on the status of this offering will be forthcoming. Students with other majors can choose a minor in biology or environmental studies.

The faculty is committed to excellence in undergraduate instruction, with the objective of producing quality baccalaureate scientists. Faculty remain current in their disciplines.
through active research programs in the field and laboratory. Students can obtain credit for graduation through participation in the research programs of individual faculty members, and, currently, students and faculty are involved in research concerning aquatic and terrestrial ecology, cell and molecular biology, physiology, and microbial studies.

All students must complete the 36 semester hours of General Education Requirements. The major in Biology includes courses under the following headings: Prerequisites (31 credits), Core Requirements (8 credits), Major Requirements (22 credits), Required Contextuals (4 credits), Major Electives (12 credits), and Upper Level Free Electives (14 credits). The 31 credits of Prerequisites include successful completion of several biology, chemistry, and mathematics courses before the student embarks on the Biology major. Completing these Prerequisites also fulfills the General Education Requirements for Natural Sciences (6 credits) and Mathematics (6 credits). The other headings include 60 credits of course work required for the major. Courses satisfying all the headings are listed below. All major courses require a grade of C or higher. Additionally, there are free electives available to the student. This provides the opportunity for Biology majors to take a course in another field, a science field, or use these credits to take Precalculus (MAC 1147) in preparation for Calculus I and II.

The following Sample Curriculum recommends a traditional route to completing all requirements for the Biology degree within four years. With this schedule nearly all credits during the first year can be used to satisfy General Education Requirements, and all Prerequisites for the Biology major are completed within the first two years. This curriculum assures that courses such as chemistry, physics, and calculus, which are necessary for successful interpretation and completion of most upper level biology courses, are completed in an appropriate sequence. This Sample Curriculum is offered as a guideline, but students may achieve the same goals with a different schedule, such as opting to lower semester loads and attending summer sessions.

**Sample Curriculum**

**Year One**

**Semester One**

- BSC 1010C General Biology I 4 hours
- CHM 2045C General Chemistry I 4 hours
- MAC 2311 Calculus I 4 hours
- ENC 1101G College Writing 3 hours
- 15 hours

**Semester Two**

- BSC 1011C General Biology II 4 hours
- CHM 2046C General Chemistry II 4 hours
- MAC 2312 Calculus II 4 hours
- or
- STA 2014 Elementary Statistics 3 hours
- Gen. Ed. Humanities - Gordon Rule 3 hours
- 14 or 15 hours

**Year Two**

**Semester One**

- BSC 2020C Human Biology 4 hours
- CHM 2210 Organic Chemistry I 3 hours
- CHM 2210L Organic Chemistry I Lab 1 hour
- PHY 2053 College Physics I 3 hours
- PHY 2053L College Physics I Lab 1 hour
- or
- PHY 2048 University Physics I 3 hours
- PHY 2048L University Physics I Lab 1 hour
- LIT 2110G Introduction to Literature 3 hours
- 15 hours

**Semester Two**

- PCB 3043C Ecology 4 hours
- CHM 2211 Organic Chemistry II 3 hours
- CHM 2211L Organic Chemistry II Lab 1 hour
- PHY 2054 College Physics II 3 hours
- PHY 2054L College Physics II Lab 1 hour
- or
- PHY 2049 University Physics II 3 hours
- PHY 2049L University Physics II Lab 1 hour
- Gen. Ed. Humanities - Gordon Rule 3 hours
- 15 hours

**Year Three**

**Semester One**

- CHM 3120C Quant. Analytical Chemistry 4 hours
- PCB 3063C Genetics 4 hours
- LIT 2932 Themes/Types in Literature 3 hours
- Gen. Ed. Elective - Humanities or Social Science 3 hours
- 14 hours

**Semester Two**

- PCB 3023C Molecular and Cell Biology 4 hours
- Biology Major Elective 4 hours
- Free Elective - Upper Level 4 hours
- Free Elective - Any Level 4 hours
- Gen. Ed. Elective - Humanities or Social Science 3 hours
- 16 hours

**Year Four**

**Semester One**

- PCB 4713C Physiology 4 hours
- Free Elective - Independent Study (prep for SS) 3 hours
- Biology Major Elective 4 hours
- Gen. Ed. Elective - Humanities or Social Science 3 hours
- 14 hours

**Semester Two**

- BSC 4931 Senior Seminar/Biology 2 hours
- Biology Major Elective 4 hours
- Free Elective - Upper Level 4 hours
- Free Elective - Upper Level 3 hours
- Gen. Ed. Elective - Humanities or Social Science 3 hours
- 16 hours
Major: Biology  
Track: Biology  
Degree: Bachelor of Science

Prerequisites (31 SEMESTER HOURS)
Requires grades of “C” or above.

BSC 1010 C 4.0 General Biology I
PCB x010/x011/, PCB x021/x131/ BSC x040, BSC 2012 may be substituted for BSC 1010C.

BSC 1011 C 4.0 General Biology II
ZOO x010, BOT x010,x013, BSC x041 may be substituted for BSC 1011C.

CHM 2045 C 4.0 Gen Chemistry I
CHM 2046 C 4.0 Gen Chemistry II
CHM 2210 3.0 Organic Chem I Lect
CHM 2210 L 1.0 Organic Chem I Lab
PHY 3043/3043L/, PHY 2048/2048L, PHY 2049/2049L may be substituted for CHM 2210/2210L.

CHM 2211 3.0 Organic Chemistry II
CHM 2211 L 1.0 Organic Chem II Lab
PHY 2053/2053L, 2048/2048L, 2049/2049L or equivalent may be substituted for CHM 2211/2211L.

MAC 2311 4.0 G(M) Calculus I
MAC 2233/2253/x281 may be substituted for MAC 2311
Select One:
MAC 2312 4.0 G(M) Calculus II
MAC 2234/2254/3282 may be substituted for MAC 2312
STA 2014 3.0 G(M)Elem Sta-Hlth/Ss
STA 2023/2024/2122/2321 may be substituted for STA 2014.

Core Requirements (08 SEMESTER HOURS)
Any Organic I & II or Physics I & II not completed as part of the prerequisites must be taken as core courses. Select from below:

CHM 2210 3.0 Organic Chem I Lect
CHM 2210 L 1.0 Organic Chem I Lab
CHM 2211 3.0 Organic Chemistry II
CHM 2211 L 1.0 Organic Chem II Lab
PHY 2053 3.0 Algebra Physics I
PHY 2053 L 1.0 Algerb Physics I Lab
PHY 2054 3.0 Algebra Physics II
PHY 2054 L 1.0 Algerb Physics II Lab
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab
PHY 2049 4.0 Calculus Physics II
PHY 2049 L 1.0 Calc Physics II Lab

Required Contextual(s) (04 SEMESTER HOURS)

CHM 3120 C 4.0 Quant Analyticl Chem
Prereq: CHM 2046C

** all major requirements, major electives and contextuals require “C” or higher.

Major Requirements (22 SEMESTER HOURS)
Note: all transfer courses require prior approval of department chairperson.

Prerequisite policy: courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. Please check the catalog course description section for prerequisites required for each course prior to registering. If one course is a prerequisite for another, the two may not be taken together.

Students will be administratively withdrawn from courses if earned grades in prerequisite courses are less than “C”.

BSC 2020 C 4.0 Human Biology
PCB 3043 C 4.0 Ecology
Prereqs: BSC 1010C and BSC 1011C
PCB 3063 C 4.0 Genetics
Prereqs: BSC 1010C, 1011C, 2020C, and CHM 2045C & 2046C
PCB 3023 C 4.0 Molecular & Cell Bio
Prereqs: BSC 1010C, 1011C, 2020C and CHM 2210 and 2210L
PCB 4713 C 4.0 Physiology
Prereqs: CHM 2211/11L, PCB 3023C, PHY 2054 and 2054L
BSC 4931 2.0 Senior Seminar
Note: offered only in the fall and spring terms

BSC 4931 will involve field or lab research or library work.
BSC 4905 must be taken in advance if field or lab is selected.

Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)
BCH/BOT/BSC/MCB/OCB/PCB/ZOO
Excluding APB 3292, BCH 3023C, BSC 2085C, BSC 2086C, BSC 3057, BSC 3090, MCB 2013C, PCB 2050 or ZOO 3830.
Always check the approved electives in the catalog course description section for approved biology electives.

Free Electives (3000 - 4000 LEVEL) (14 SEMESTER HOURS)
* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
Major: Biology
Track: UNF/UF Dentistry
Degree: Bachelor of Science

Minimal eligibility requirements:
1. High school GPA (unweighted) of 3.5/4.0 or above.
2. High school science GPA of 3.0/4.0 or above.
3. SAT score of 1260 or ACT score of 28 or eact of 29.
4. Formal application to UF by July 1 (prior to freshman year) and a formal interview with UF.
5. Students must specify their interest in the Pre-Dent program by their freshman year or before transfer to UNF as a new student in the junior year.
6. No more than 60 semester hours may be earned at a community college.

Prerequisites (31 SEMESTER HOURS)
Grade of C or higher required in prerequisites (eligibility for UF College of Dentistry requires a minimum 3.3 GPA in all biology, chemistry and physics courses)

BSC 1010 C 4.0 General Biology I
PCB x010/x011/, PCB x021/x131/ BSC x040, BSC 2012 may be substituted for BSC 1010C.

BSC 1011 C 4.0 General Biology II
ZOO x010, BOT x010, x013, BSC x041 may be substituted for BSC 1011C.

CHM 2045 C 4.0 Gen Chemistry I
CHM 2046 C 4.0 Gen Chemistry II
CHM 2210 3.0 Organic Chem I Lect
CHM 2210 L 1.0 Organic Chem I Lab
PHY 3043/3043L/, PHY 3048/3048L, PHY 3049/3049L may be substituted for CHM 2210/2210L.

CHM 2211 3.0 Organic Chemistry II
CHM 2211 L 1.0 Organic Chem II Lab
PHY 3053/3053L, 3048/3048L, 3049/3049L or equivalent may be substituted for CHM 2211/2211L.

MAC 2311 4.0 G(M) Calculus I
MAC 2233/2253/x281 may be substituted for MAC 2311

Select One:
MAC 2312 4.0 G(M) Calculus II
MAC 2234/2254/3282 may be substituted for MAC 2312
STA 2014 3.0 G(M)Elem Sta-Hlth/Ss
STA 2023/2024/2122/2321 may be substituted for STA 2014.

Core Requirements (08 SEMESTER HOURS)
Any Organic I & II or Physics I & II not completed as part of the prerequisites must be taken as core courses.
Select from below:

CHM 2210 3.0 Organic Chem I Lect
CHM 2210 L 1.0 Organic Chem I Lab
CHM 2211 3.0 Organic Chemistry II
CHM 2211 L 1.0 Organic Chem II Lab
PHY 2053 3.0 Algebra Physics I
PHY 2053 L 1.0 Algerb Physics I Lab
PHY 2054 3.0 Algebra Physics II
PHY 2054 L 1.0 Algeb Physics II Lab
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab

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

Major Requirements (22 SEMESTER HOURS)

Important: predentistry students must earn a minimum of 26 upper level hours at UNF to satisfy the residency requirement (based on the pre-approved UF/UNF pre-dentistry agreement).

To Take At UNF:
PCB 3063 C 4.0 Genetics
PCB 3043 C 4.0 Ecology
PCB 3023 C 4.0 Molecular & Cell Bio
BSC 4931 2.0 Senior Seminar

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

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

BSC 2020 C 4.0 Human Biology
(identified as DEN 5100C-Human Anatomy at UF)
PCB 4713 C 4.0 Physiology
(identified as DEN 5120-Principles of Physiology at UF)

Required Contextuals (3000 - 4000 LEVEL) (04 SEMESTER HOURS)

To Take At UNF:
CHM 3120 C 4.0 Quant Analyticl Chem

** all major requirements, major electives and contextuals require “C” grades. However, higher grades are needed to qualify for the UF College of Dentistry.

Free Electives (4000 - 5000 LEVEL) (14 SEMESTER HOURS)

* Award of an B.S. in biology from UNF is contingent upon:
1. Completion of a minimum of 26 upper level credit hours at UNF (approved residency requirement for UF/UNF Predentistry majors only).
2. Completion of 90 semester hours at UNF.
3. Transfer of 30 semester hours of approved UF Dentistry courses back to UNF at the close of the senior year.
4. Completion of all general education, CLAST, summer require-
ment (if applicable), prerequisites and major requirements. A minimum grade of “C” required in all courses (however, admissions to the UF Dentistry program requires higher grades).

* Acceptance by UF College of Dentistry is contingent upon:
1. A cumulative GPA of 3.4 and 3.3 GPA in science courses.
2. No more than 60 semester hours may be earned at a community college.
3. Completion of the appropriate applications to the University of
Florida College of Dentistry.
4. Completion of the Dental Admissions Test (DAT) with a combined score of 16 or higher on each section.
5. Students admitted to the UF College of Dentistry will start in the fall of the year in which 90 semesters hours of undergraduate work has been completed at UNF.

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of "C" or higher.
* Third repeats of attempted courses, including W, WF, W and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

**BIOLOGY MINORS**

Minor: Biology Minor

Minor Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC MCB OCB</td>
<td>OCE PCB ZOO BCH</td>
<td>See UNF MCB catalog for specific prerequisites for biology courses.</td>
</tr>
</tbody>
</table>

Conditions for the minor

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

Minor: Environmental Studies

Minor Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 3057</td>
<td>3.0</td>
<td>Environmental Studies</td>
</tr>
</tbody>
</table>

Select one course:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHM 2030</td>
<td>3.0</td>
<td>Ecological Philosophy</td>
</tr>
<tr>
<td>PHI 3640</td>
<td>3.0</td>
<td>Environmental Ethics</td>
</tr>
</tbody>
</table>

Select one elective in humanities or social sciences:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR 3016</td>
<td>3.0</td>
<td>Global Iss Cont Pol</td>
</tr>
<tr>
<td>PSY 4935</td>
<td>1-3</td>
<td>Special Topics Psy</td>
</tr>
</tbody>
</table>

** note: Ecopsychology is the required special topics course.

Science majors select two natural sciences from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 3712 C</td>
<td>4.0</td>
<td>Plant Systematics</td>
</tr>
<tr>
<td>BSC 4054</td>
<td>3.0</td>
<td>Env Toxicology</td>
</tr>
<tr>
<td>BSC 4930 AK</td>
<td>4.0</td>
<td>Entomology W/Lab</td>
</tr>
</tbody>
</table>

CHS 4445      | 3.0   | Environmental Chem               |
PCB 3043 C    | 4.0   | Ecology                           |

Non-science Majors:

Non-science majors select two natural sciences from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 2010 C</td>
<td>4.0</td>
<td>Botany</td>
</tr>
<tr>
<td>BSC 1011 C</td>
<td>4.0</td>
<td>General Biology II</td>
</tr>
<tr>
<td>BSC 3052</td>
<td>3.0</td>
<td>Conservation Biology</td>
</tr>
</tbody>
</table>

Conditions for the minor:

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

Minor: Chemistry Minor for Biology Majors

Minor Requirements (15 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH 4033</td>
<td>3.0</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>BCH 4033 L</td>
<td>1.0</td>
<td>Biochemistry Lab</td>
</tr>
<tr>
<td>CHM 3610 C</td>
<td>4.0</td>
<td>Inorganic Chemistry</td>
</tr>
<tr>
<td>CHM 4130 C</td>
<td>5.0</td>
<td>Mod Analytical Chem</td>
</tr>
<tr>
<td>CHM 4260 C</td>
<td>4.0</td>
<td>Adv Organic Chem</td>
</tr>
<tr>
<td>CHM 4410 C</td>
<td>4.0</td>
<td>Physical Chemistry I</td>
</tr>
<tr>
<td>CHM 4411 C</td>
<td>4.0</td>
<td>Physical Chem II</td>
</tr>
<tr>
<td>CHM 4910</td>
<td>2.4</td>
<td>Chemical Research</td>
</tr>
<tr>
<td>CHM 4930</td>
<td>1-4</td>
<td>Sel Topics: Chem</td>
</tr>
<tr>
<td>CHS 4445</td>
<td>3.0</td>
<td>Environmental Chem</td>
</tr>
<tr>
<td>CHS 4445 L</td>
<td>1.0</td>
<td>Envir Chemistry Lab</td>
</tr>
</tbody>
</table>

**Department of Chemistry and Physics 620-2830**

**Chemistry**

K.S. Venkatasubban, Professor and Chair
Ray D. Bowman, Professor
Edward A. Healy, Professor
Stuart Chalk, Associate Professor
Jyotsna Pradhan, Assistant Professor
Frederick J. Troendle, Visiting Assistant Professor
Robert A. Vergenz, Assistant Professor
Melissa Bush, Coordinator, Research Programs & Services
David Nyquist, Laboratory Lecturer
John Pechonick, Laboratory Lecturer
Suzanne Purinton, Visiting Laboratory Lecturer
Judy E. Simms, Coordinator, Research Programs & Services
Robert Stern, Visiting Laboratory Lecturer
Mamadou Thiam, Visiting Laboratory Lecturer

**Physics**

Jay S. Huebner, Professor
Jack T. Humphries, Professor Emeritus
James L. Garner, Associate Professor
Dennis L. Gay, Associate Professor
Thomas M. Pekarek, Associate Professor
Lev Gasparov, Assistant Professor
John Anderson, Laboratory Lecturer
Lawrence Mao, Coordinator, Research Programs & Services
Nirmal Patel, Visiting Laboratory Lecturer
The Department of Chemistry and Physics offers Bachelor of Science degrees in chemistry, interdisciplinary sciences and physics with tracks in traditional physics, civil engineering, electrical engineering, mechanical engineering, and computing emphasis. A new track in astrophysics and a chemical physics program are currently being developed. Minors are also offered in chemistry and physics. In conjunction with the College of Education and Human Services, B.A.E. and M.A.E. degrees with majors in chemistry, general sciences and physics are offered.

The importance of chemistry and physics in the economic and intellectual life of the 21st century is obvious to thoughtful individuals. The increased use of complex technologies in agriculture, defense, health care, manufacturing and other industries indicates that the value of understanding science will continue to increase for individuals and society. The department faculty is committed to excellence in undergraduate instruction, and has the objective of producing competent baccalaureate scientists, while remaining current through active research programs.

By a judicious choice of courses, students can obtain credit for graduation through participation in the research programs of individual faculty members. Currently, students are involved in research on chemical and enzyme catalysis, NMR studies of drugs and related molecules, isotope effects, theoretical and physical chemistry, flow injection analysis, experimental and theoretical properties of magnetic semiconductors and high-Tc superconductors, experimental and computational nuclear physics, experimental membrane, interface, and sensor physics.

Major: Chemistry  
Track: Chemistry  
Degree: Bachelor of Science

Prerequisites (24 SEMESTER HOURS)  
Requires grades of “C” or above.

CHM 2045 C 4.0 Gen Chemistry I  
CHM 1040 & 1041, or CHM 1045E may be substituted for CHM 2045C.  
CHM 2046 C 4.0 Gen Chemistry II  
CHM 1046E may be substituted for CHM 2046C

MAC 2311 4.0 G(M) Calculus I  
MAC 2281 may be substituted for MAC 2311  
MAC 2312 4.0 G(M) Calculus II  
MAC 2282 may be substituted for MAC 2312

Select One Sequence  
Chemistry majors should take the PHY 2048/2048L and PHY 2049/2049L sequence rather than the PHY 2053/2053L and PHY 2054/2054L sequence to be properly prepared for chemistry requirements needed in the major.

CHM 2210 3.0 Organic Chem I Lect  
CHM 2210 L 1.0 Organic Chem I Lab  
CHM 2211 3.0 Organic Chemistry II  
CHM 2211 L 1.0 Organic Chem II Lab

Or (Preferred By Dept)

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

PHY 2053 3.0 Algebra Physics I  
PHY 2053 L 1.0 Algerb Physics I Lab  
PHY 2054 3.0 Algebra Physics II  
PHY 2054 L 1.0 Algeb Physics II Lab

Core Requirements (08 SEMESTER HOURS)  
If you took physics as a prerequisite, then you must take organic chemistry as your core. If you took organic chemistry as a prerequisite, then you must take physics as your core. Chemistry majors should take the PHY 2049/2048L and PHY 2049/2049L sequence rather than the PHY 2053/2053L and PHY 2054/2054L sequence to be properly prepared for chemistry requirements in the major.

Select One Sequence

CHM 2210 3.0 Organic Chem I Lect  
CHM 2210 L 1.0 Organic Chem I Lab  
CHM 2211 3.0 Organic Chemistry II  
CHM 2211 L 1.0 Organic Chem II Lab

Or (Preferred By Dept)

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

PHY 2053 3.0 Algebra Physics I  
PHY 2053 L 1.0 Algerb Physics I Lab  
PHY 2054 3.0 Algebra Physics II  
PHY 2054 L 1.0 Algeb Physics II Lab

Required Contextual(s) (07 SEMESTER HOURS)

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

Major Requirements (25 SEMESTER HOURS)  
Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each semester. Please check the catalog course description section for prerequisites required for each course prior to registering. If one course is a prerequisite for another, the two may not be taken together. Prerequisites are strictly enforced by the faculty and Registrar.

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

CHM 3120 C 4.0 Quant Analyticl Chem  
Prreq: CHM 2046C  
BCH 4033 3.0 Biochemistry  
Prreqs: CHM 2211/11L and CHM 3120C  
CHM 4410 C 4.0 Physical Chemistry I  
Prreeqs: CHM 2046C, PHY 2054/54L or 2049/49L, MAC 2312  
CHM 4411 C 4.0 Physical Chem II  
Prreq: CHM 4410C  
CHM 3610 C 4.0 Inorganic Chemistry  
Prereqs: CHM 4410C, coequire: CHM 2211/11L  
CHM 4130 C 5.0 Mod Analytical Chem  
Prereqs: CHM 3120C and CHM 4410C  
CHM 4931 1.0 Chemistry Sr Seminar  
Senior seminar is only offered in the spring term.
CHM 1040/104L, or CHM 1045E may be substituted for CHM 2045C

Requires grades of “C” or above.

Prerequisites (30 SEMESTER HOURS)

CHM 2045C 4.0 Gen Chemistry I
CHM 1040/104L, or CHM 1045E may be substituted for

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

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

Required Contextual(s) (06 SEMESTER HOURS)

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

MAP 2302 3.0 (M)Ord Diff Equatns
Prereqs: MAC 2312
Select One Course
COP 2200 3.0 Intro Fortran Prgmng
COP 2220 3.0 Intro To C

Major Requirements (34 SEMESTER HOURS)

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

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

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

Required Contextual(s) (06 SEMESTER HOURS)

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

MAP 2302 3.0 (M)Ord Diff Equatns
Prereqs: MAC 2312
Select One Course
COP 2200 3.0 Intro Fortran Prgmng
COP 2220 3.0 Intro To C

Major Requirements (34 SEMESTER HOURS)

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

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

PHY 3101 3.0 Modern Physics
Prereq: PHY 2049 coreq: MAC 2313
PHY 3101 L 1.0 Modern Physics Lab
Coreq: PHY 3101
PHZ 3113 3.0 Mathematical Physics
Prereqs: PHY 2049 and MAC 2313
PHY 3220 4.0 Classical Mechanics
Prereqs: PHY 2049 and MAC 2313 coreq: MAP 2302
PHY 3323 4.0 Electricity/Magnetism
Prereqs: PHY 2049 and MAC 2313
PHY 3424 3.0 Optics
Prereqs: PHY 2049 and MAC 2313
PHY 3722 3.0 Electron For Scien
Prereqs: PHY 2049 and MAC 2313 coreq: PHY 3722L
PHY 3722 L 1.0 Elect For Scien Lab
Coreq: PHY 3722
PHY 4604 4.0 Quantum Mechanics
Prereqs: PHY 3101, MAC 2313 and MAP 2302
PHY 4523 3.0 Thermo And Stat Mech
Prereqs: PHY 3101, MAC 2313 and MAP 2302
PHY 4802 L 2.0 Adv Physics Lab
Prereqs: PHY 3101L and PHY 3722L
PHY 4910 3.0 Physics Research
Prereqs: PHY 3101L and PHY 3722L

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

Major Electives (03 SEMESTER HOURS)

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

Select One Course
PHZ 3404 3.0 Solid State Physics
Prereq: PHY 3101
PHZ 4160 4.0 Adv Topics Physics
Prereqs: PHY 3220, PHY 3323 and PHY 4604
Free Electives (3000 - 4000 LEVEL) (17 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Physics
Track: Civil Engineering
Degree: Bachelor Of Science

Prerequisites (30 SEMESTER HOURS)
Requires grades of “C” or above.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045 C</td>
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<td>Gen Chemistry I</td>
</tr>
<tr>
<td>CHM 1040/1041, or CHM 1045E</td>
<td>may be substituted for CHM 2045C</td>
<td></td>
</tr>
<tr>
<td>CHM 2046 C</td>
<td>4.0</td>
<td>Gen Chemistry II</td>
</tr>
<tr>
<td>CHM 1046E may be substituted for CHM 2046C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAC 2311</td>
<td>4.0</td>
<td>G(M) Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>4.0</td>
<td>G(M) Calculus II</td>
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<td>MAC 2313</td>
<td>4.0</td>
<td>G(M) Calculus III</td>
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<td>PHY 2048</td>
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<td>Calculus Physics I</td>
</tr>
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<td>PHY 2048 L</td>
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</tr>
<tr>
<td>PHY 2049</td>
<td>4.0</td>
<td>Calculus Physics II</td>
</tr>
<tr>
<td>PHY 2049 L</td>
<td>1.0</td>
<td>Calc Physics II Lab</td>
</tr>
</tbody>
</table>

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

Requisites (06 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>COP 2200</td>
<td>3.0</td>
<td>Intro Fortran Prgmng</td>
</tr>
</tbody>
</table>

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

Major requirements: physics (28 semester hours)
Grades of “C” or higher required in all physics and engineering courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3101</td>
<td>3.0</td>
<td>Modern Physics</td>
</tr>
<tr>
<td>PHY 3101 L</td>
<td>1.0</td>
<td>Modern Physics Lab</td>
</tr>
<tr>
<td>PHZ 3113</td>
<td>3.0</td>
<td>Mathematical Physics</td>
</tr>
<tr>
<td>PHY 3424</td>
<td>3.0</td>
<td>Optics</td>
</tr>
<tr>
<td>PHY 3220</td>
<td>4.0</td>
<td>Classical Mechanics</td>
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<tr>
<td>PHY 3323</td>
<td>4.0</td>
<td>Electricity/Magnetism</td>
</tr>
<tr>
<td>PHY 3722</td>
<td>3.0</td>
<td>Electron For Scien</td>
</tr>
<tr>
<td>PHY 3722 L</td>
<td>1.0</td>
<td>Elect For Scien Lab</td>
</tr>
<tr>
<td>PHY 4523</td>
<td>3.0</td>
<td>Thermo And Stat Mech</td>
</tr>
<tr>
<td>PHY 4802 L</td>
<td>2.0</td>
<td>Adv Physics Lab</td>
</tr>
</tbody>
</table>

Major requirements: civil engineering (11 semester hours)
Grades of “C” or above required in all engineering courses.

Select 17 hours of civil engineering electives

Free Electives (05 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Physics
Track: Computing Emphasis
Degree: Bachelor of Science

Prerequisites (30 SEMESTER HOURS)
Requires grades of “C” or above.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2045 C</td>
<td>4.0</td>
<td>Gen Chemistry I</td>
</tr>
<tr>
<td>CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CES 3104</td>
<td>3.0</td>
<td>Mechanics Of Matrls</td>
</tr>
<tr>
<td>CWR 3201</td>
<td>3.0</td>
<td>Fluid Mechanics</td>
</tr>
</tbody>
</table>

Major Electives (17 SEMESTER HOURS)

College of Arts and Sciences 81
CHM 2046 C 4.0 Gen Chemistry II
CHM 1046E may be substituted for CHM 2046C
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II
MAC 2313 4.0 G(M) Calculus III
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab
PHY 2049 4.0 Calculus Physics II
PHY 2049 L 1.0 Calc Physics II Lab

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

Required Contextuals) (06 SEMESTER HOURS)
Grades of “C” or higher required in all contextual courses.

MAP 2302 3.0 G(M)Ord Diff Equatns
Select One Course
COP 2200 3.0 Intro Fortran Prgmng
COP 2220 3.0 Intro To C

Major Requirements (39 SEMESTER HOURS)
Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration.
All prerequisites to major courses require grades of “C” or above.

Physics requirements (28 semester hours)
Grades of “C” or higher required in all physics courses.

PHY 3101 3.0 Modern Physics
PHY 3101 L 1.0 Modern Physics Lab
PHZ 3113 3.0 Mathematical Physics
PHY 3424 3.0 Optics
PHY 3220 4.0 Classical Mechanics
PHY 3323 4.0 Electricity/Magnetism
PHY 3722 3.0 Electron For Scien
PHY 3722 L 1.0 Elect For Scien Lab
PHY 4604 4.0 Quantum Mechanics
PHY 4802 L 2.0 Adv Physics Lab

Computer science requirements (7 semester hours)
Grades of “C” or higher required in all computer science requirements and computer science electives.

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

Major Electives (15 SEMESTER HOURS)
Select 5 Computer Sci Elective
COT/COP/CDA

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).

* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students who may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Physics
Track: Electrical Engineering
Degree: Bachelor of Science

Prerequisites (30 SEMESTER HOURS)
Requires grades of “C” or above.

CHM 2045 C 4.0 Gen Chemistry I
CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C
CHM 2046 C 4.0 Gen Chemistry II
CHM 1046E may be substituted for CHM 2046C
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II
MAC 2313 4.0 G(M) Calculus III
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab
PHY 2049 4.0 Calculus Physics II
PHY 2049 L 1.0 Calc Physics II Lab
* students who complete PHY 2048 and PHY 2049 with either 3 or 4 credit hours each, and in addition complete PHY 2048L and PHY 2049L will satisfy the physics portion of the prerequisites.

Required Contextuals) (06 SEMESTER HOURS)
Grades of “C” or higher required in all contextual courses.

MAP 2302 3.0 G(M)Ord Diff Equatns
Select One Course
COP 2200 3.0 Intro Fortran Prgmng
COP 2220 3.0 Intro To C

Major Requirements (47 SEMESTER HOURS)
Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration.
All prerequisites to major courses require grades of “C” or above.

Physics requirements (27 semester hours)
Grades of “C” or higher required in all physics courses

PHY 3101 3.0 Modern Physics
PHY 3101 L 1.0 Modern Physics Lab
PHZ 3113 3.0 Mathematical Physics
PHY 3424 3.0 Optics
PHY 3220 4.0 Classical Mechanics
PHY 3323 4.0 Electricity/Magnetism
PHY 4604 4.0 Quantum Mechanics
PHY 4802 L 2.0 Adv Physics Lab
PHZ 3404 3.0 Solid State Physics

Electrical engineer requirements (20 semester hours)
Grades of “C” or higher required in all engineering courses
PHY 2049L will satisfy the physics portion of the prerequisites.

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

**Prerequisites (30 SEMESTER HOURS)**

**Requisites (06 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>CHM 2045 C</td>
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<td>Gen Chemistry I</td>
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<tr>
<td>CHM 1040/1041</td>
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<tr>
<td>CHM 2046 C</td>
<td>4.0</td>
<td>Gen Chemistry II</td>
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<tr>
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<td>may be substituted for CHM 2046C</td>
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<tr>
<td>MAC 2311</td>
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<td>G(M) Calculus III</td>
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<tr>
<td>PHY 2048</td>
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<td>Calculus Physics I</td>
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<td>PHY 2048 L</td>
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<td>Calc Physics I Lab</td>
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<td>PHY 2049</td>
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<td>Calculus Physics II</td>
</tr>
<tr>
<td>PHY 2049 L</td>
<td>1.0</td>
<td>Calc Physics II Lab</td>
</tr>
</tbody>
</table>

**Major Requirements (46 SEMESTER HOURS)**

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

**Physics requirements (28 semester hours)**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3101</td>
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<td>PHY 3101 L</td>
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<td>PHZ 3113</td>
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<td>Mathematical Physics</td>
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<td>PHY 3424</td>
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<td>Optics</td>
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<td>PHY 3220</td>
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<td>PHY 3323</td>
<td>4.0</td>
<td>Electricity/Magnetism</td>
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<tr>
<td>PHY 3722</td>
<td>3.0</td>
<td>Electron For Scienc</td>
</tr>
<tr>
<td>PHY 3722 L</td>
<td>1.0</td>
<td>Elect For Scienc Lab</td>
</tr>
<tr>
<td>PHY 4523</td>
<td>3.0</td>
<td>Thermo And Stat Mech</td>
</tr>
<tr>
<td>PHY 4802 L</td>
<td>2.0</td>
<td>Adv Physics Lab</td>
</tr>
</tbody>
</table>

**Mechanical engineering requirements (11 semester hours)**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EGN 3311</td>
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<tr>
<td>EGN 3331</td>
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<td>Strength Of Material</td>
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<tr>
<td>EGN 3331 L</td>
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<td>Mech Systems Lab</td>
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<tr>
<td>EML 3100</td>
<td>3.0</td>
<td>Thermodynamics I</td>
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<tr>
<td>EGN 3203</td>
<td>3.0</td>
<td>Mod Computal Methods</td>
</tr>
<tr>
<td>EML 3015</td>
<td>3.0</td>
<td>Fluids I</td>
</tr>
<tr>
<td>EML 4140</td>
<td>3.0</td>
<td>Heat Transfer</td>
</tr>
</tbody>
</table>

**Major Electives (09 SEMESTER HOURS)**

Select 9 hours of mechanical engineering electives

**Free Electives (05 SEMESTER HOURS)**

**College of Arts and Sciences 83**
# Interdisciplinary Sciences

**Degree:** Bachelor of Science

## Major Requirements (24 SEMESTER HOURS)

Note: no upper division courses will be accepted as transfer credit without the written approval of the department chairperson.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 2210</td>
<td>3.0</td>
<td>Organic Chem I Lect</td>
</tr>
<tr>
<td>CHM 2210 L</td>
<td>1.0</td>
<td>Organic Chem I Lab</td>
</tr>
<tr>
<td>CHM 2211</td>
<td>3.0</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHM 2211 L</td>
<td>1.0</td>
<td>Organic Chem II Lab</td>
</tr>
<tr>
<td>PCB 3063 C</td>
<td>4.0</td>
<td>Genetics</td>
</tr>
<tr>
<td>PCB 3023 C</td>
<td>4.0</td>
<td>Molecular &amp; Cell Bio</td>
</tr>
<tr>
<td>CHM 4410 C</td>
<td>4.0</td>
<td>Physical Chemistry I</td>
</tr>
<tr>
<td>PHY 3101</td>
<td>3.0</td>
<td>Modern Physics</td>
</tr>
<tr>
<td>PHY 3101 L</td>
<td>1.0</td>
<td>Modern Physics Lab</td>
</tr>
</tbody>
</table>

## Major Electives (3000 - 4000 LEVEL) (16 SEMESTER HOURS)

Select four courses with labs

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCH/BOT/BSC/MCB/OCB/PCB/ZOO/CHM/CHS/PHY/PHZ</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Free Electives (3000 - 4000 LEVEL) (20 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.

## Conditions for the minor:

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average if 2.5 is required.
The Department of Communications and Visual Arts offers courses of study leading to career preparation in communication and visual arts as practitioners, teachers, artists or consultants; provides service courses in art and communications to other disciplines in the university; and fosters individual professional growth and cultural enhancement by promoting scholarly research and artistic production on the part of the faculty and students. Ultimately, the department seeks to enrich the cultural atmosphere and stimulate the intellectual awareness of both the University and Northeast Florida through art exhibitions, media presentations, lectures, seminars and workshops.

The comprehensive, multifaceted curriculum is designed to produce a visually and verbally sophisticated graduate with realistic expectations to compete in the job market or pursue graduate study. Program concentration in communications include advertising, print and broadcast journalism, and public relations. The visual arts curriculum includes art history, graphic design, photography, painting, ceramics, drawing, and sculpture. Multi-disciplinary in its emphasis, the department provides an interaction with fine arts and communications through ideation, conceptualizing, visualization and execution. Both programs emphasize a hands-on approach and feature opportunities for practical application through computer graphics laboratories, in-house projects, professional internships, design workshops and production studios. Access to the greater Jacksonville metropolitan area lends additional professional appeal because of its vibrant communications and visual arts communities.

**Art**
The major in art leads to the B.A. or the B.F.A. degree with concentrations or respective specializations in painting, drawing, ceramics, sculpture, art history, graphic design, and photography. Students entering the program at the junior level with a minimum of 18 hours in lower division art courses may be required to present an art portfolio as an aid to program planning and for admission to the B.F.A. degree program.

Art majors in the College of Arts and Sciences must earn at least a 2.5 average in their art courses. No grade below C in major courses will apply toward graduation.

Art work left longer than one term becomes the property of the department to be disposed of as the department chooses.

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

The CVA office should be notified in advance if the first day of class in a given semester or summer session will be missed. Failure to do so will forfeit your place in that class.

**THE BACHELOR OF ARTS (B.A.)**
The B.A. is a general, broad spectrum liberal arts degree in art for the student who does not plan to specialize in or go into the profession of art. Students interested in the art education program or those who already hold a bachelor’s degree and who are interested in receiving certification in the teaching of art should refer to that information in the College of Education and Human Services (COEHS) section of this catalog. The COEHS advising office may be reached at 620-2530. The following are the available concentrations leading to the B.A. in art:

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

**Prerequisites**  
(24 SEMESTER HOURS)  
Requires grades of “C” or above  
ART 1201 C 3.0 Two-Dimensional Desi  
ART 2203 C 3.0 Three Dim Design  
ART 1300 C 3.0 Drawing I  
ART 2301 C 3.0 Drawing II  
ARH 2050 3.0 Art Hist Surv I  
ARH 2051 3.0 Art Hist Surv II  
Two Intro Media Courses  
ART

**Foreign Lang/Foreign Cultures**  
(08 SEMESTER HOURS)  
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in on-line
**Important note:** Students must earn the appropriate number of upper level electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.

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

* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

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### Major: Art Track: Ceramics/Sculpture Degree: Bachelor of Arts

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1201 C</td>
<td>Two-Dimensional Desi</td>
<td>3.0</td>
</tr>
<tr>
<td>ART 2203 C</td>
<td>Three Dim Design</td>
<td>3.0</td>
</tr>
<tr>
<td>ART 1300 C</td>
<td>Drawing</td>
<td>3.0</td>
</tr>
<tr>
<td>ART 2301 C</td>
<td>Drawing II</td>
<td>3.0</td>
</tr>
<tr>
<td>ARH 2050</td>
<td>Art Hist Surv</td>
<td>3.0</td>
</tr>
<tr>
<td>ARH 2051</td>
<td>Art Hist Surv</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Two Intro Media Courses

ART

**Foreign Language/Cultures**  
(08 SEMESTER HOURS)  
Note: Language I is offered in the fall semester and Language II if offered in the spring semester unless otherwise specified in the online schedule booklet. Grades of “C” or above are required in all Foreign Language, American Sign Language, and Foreign Culture courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 1120</td>
<td>Beginning Spanish I</td>
<td>4.0</td>
</tr>
<tr>
<td>SPN 1121</td>
<td>Beginning Spanish II</td>
<td>4.0</td>
</tr>
<tr>
<td>FRE 1120</td>
<td>Beginning French I</td>
<td>4.0</td>
</tr>
<tr>
<td>FRE 1121</td>
<td>Beginning French II</td>
<td>4.0</td>
</tr>
<tr>
<td>FOL 2930</td>
<td>Beging Forgn Lang I</td>
<td>4.0</td>
</tr>
<tr>
<td>FOL 2931</td>
<td>Beging Forgn Lang II</td>
<td>4.0</td>
</tr>
<tr>
<td>JPN 1120</td>
<td>Beginning Japanese I</td>
<td>4.0</td>
</tr>
<tr>
<td>JPN 1121</td>
<td>Beginning Japanese II</td>
<td>4.0</td>
</tr>
<tr>
<td>SPA 4620</td>
<td>American Sign Lang I</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4930 AF</td>
<td>ASL Lab I</td>
<td>1.0</td>
</tr>
<tr>
<td>SPA 4623</td>
<td>Ameri Sign Lang II</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4930 AE</td>
<td>ASL Lab II</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Or  
(3000 - 4000 LEVEL)  
3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

---

### Major Requirements  
(30 SEMESTER HOURS)

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

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

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### Required Minor  
(15 SEMESTER HOURS)  
All minors require 15 hours. Refer to catalog for list.

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### Free Electives  
(07 SEMESTER HOURS)  
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
Major: Art
Track: Painting/Drawing
Degree: Bachelor of Arts

Prerequisites (24 SEMESTER HOURS)
Requires grades of “C” or above.
ART 1300 C 3.0 Drawing I
ART 2301 C 3.0 Drawing II
ART 1201 C 3.0 Two-Dimensional Design
ART 2203 C 3.0 Three Dim Design
ARH 2050 3.0 Art Hist Surv I
ARH 2051 3.0 Art Hist Surv II
Two Intro Media Courses
ART/PGY

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Requires grades of “C” or above
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence
SPN 1120 4.0 Beginning Spanish I
SPN 1121 4.0 Beginning Spanish II
FRE 1120 4.0 Beginning French I
FRE 1121 4.0 Beginning French II
FOL 2930 4.0 Beging Forn Lang I
FOL 2931 4.0 Beging Forn Lang II
SPA 4620 3.0 American Sign Lang I
EEX 4930 AF 1.0 ASL Lab I
SPA 4623 3.0 Ameri Sign Lang II
EEX 4930 AE 1.0 ASL Lab II

Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

Major Electives (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
Select 2 Art History Courses
ARH
Select 3 Art or Photo Electives
ART/PGY

Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
All minors require 15 hours. See list in catalog.

Free Electives (3000 - 4000 LEVEL) (07 SEMESTER HOURS)
* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
permission from the department chairman is required to override either of these policies.

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

Required Minor (15 SEMESTER HOURS)
All minors require 15 hours. See list in catalog.

Free Electives (3000 - 4000 LEVEL) (07 SEMESTER HOURS)
* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of "C" or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

THE BACHELOR OF FINE ARTS (B.F.A.)
The B.F.A. degree is designed to provide a more intensive background in art for successful completion of the first level of professional education in the visual arts. This degree seeks to develop artistic awareness, studio competence and historic and philosophical perspective. The following are the available concentrations leading to the B.F.A. in art. Please note the prerequisites:

Major: Fine Arts
Track: Ceramics/Sculpture
Degree: Bachelor of Fine Arts

Prerequisites (24 SEMESTER HOURS)
Requires grades of "C" or above.
ART 1300 C 3.0 Drawing I
ART 2301 C 3.0 Drawing II
ART 1201 C 3.0 Two-dimensional Desi
ART 2203 C 3.0 Three Dim Design
ARH 2050 3.0 Art Hist Surv I
ARH 2051 3.0 Art Hist Surv II
Two Art Studio Courses
ART

Major Requirements (51 SEMESTER HOURS)
Prerequisite policy: courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. Please check the catalog course description section for prerequisites required for each course prior to register-

Grades of “C” or above required in all major courses.

Required courses (18 semester hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGY 2401 C</td>
<td>3.0</td>
<td>Photography In B&amp;W</td>
</tr>
<tr>
<td>ART 2605 C</td>
<td>3.0</td>
<td>Basic Computer Image</td>
</tr>
<tr>
<td>ART 2500 C</td>
<td>3.0</td>
<td>Painting Fundamental</td>
</tr>
<tr>
<td>ART 2330 C</td>
<td>3.0</td>
<td>Figure Drawing</td>
</tr>
<tr>
<td>ART 1300C</td>
<td>3.0</td>
<td>Sculpture Process</td>
</tr>
<tr>
<td>ARH 4800</td>
<td>3.0</td>
<td>Aesthetics Of Art</td>
</tr>
<tr>
<td>ART 4965 C</td>
<td>3.0</td>
<td>Fine Art Portfolio</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH</td>
<td></td>
</tr>
</tbody>
</table>

If sculpture take:

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3786 C</td>
<td>3.0</td>
<td>Ceramics</td>
</tr>
<tr>
<td>ART 3707 C</td>
<td>3.0</td>
<td>Sculpture Process</td>
</tr>
<tr>
<td>ART 3119 C</td>
<td>3.0</td>
<td>Ceramics Intermediate</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4929 C</td>
<td>3.0</td>
<td>Senior Project</td>
</tr>
</tbody>
</table>

If ceramics take:

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3707 C</td>
<td>3.0</td>
<td>Sculpture Process</td>
</tr>
<tr>
<td>ART 3786 C</td>
<td>3.0</td>
<td>Ceramics</td>
</tr>
<tr>
<td>ART 3709 C</td>
<td>3.0</td>
<td>Sculpture: Intermed</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4710 C</td>
<td>3.0</td>
<td>Adv Sculpture</td>
</tr>
<tr>
<td>Prereq: ART 3709 C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Select 5 courses (15 semester hours)

From area of concentration

If Ceramics Take:

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3786 C</td>
<td>3.0</td>
<td>Ceramics</td>
</tr>
<tr>
<td>ART 3119 C</td>
<td>3.0</td>
<td>Ceramics Intermediate</td>
</tr>
<tr>
<td>Prereq: ART 3786 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 3707 C</td>
<td>3.0</td>
<td>Sculpture Process</td>
</tr>
<tr>
<td>ART 3709 C</td>
<td>3.0</td>
<td>Sculpture: Intermed</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4114 C</td>
<td>3.0</td>
<td>Ceramic Aesthetic</td>
</tr>
<tr>
<td>Prereq: ART 3786 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4115 C</td>
<td>3.0</td>
<td>Advanced Ceramics</td>
</tr>
<tr>
<td>Prereq: ART 3786 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4710 C</td>
<td>3.0</td>
<td>Adv Sculpture</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4929 C</td>
<td>3.0</td>
<td>Senior Project</td>
</tr>
</tbody>
</table>

If Sculpture Choose:

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 3707 C</td>
<td>3.0</td>
<td>Sculpture Process</td>
</tr>
<tr>
<td>ART 3714 C</td>
<td>3.0</td>
<td>Sculpture: Casting</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 3709 C</td>
<td>3.0</td>
<td>Sculpture: Intermed</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4710 C</td>
<td>3.0</td>
<td>Adv Sculpture</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ART 4756 C</td>
<td>3.0</td>
<td>Enlivened Space</td>
</tr>
<tr>
<td>Prereq: ART 3707 C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Note: art majors must earn at least a 2.5 average in art courses. No grade below “C” will apply toward graduation.

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

Free Electives (3000 - 4000 LEVEL) (09 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Fine Arts

Track: Painting/Drawing

Degree: Bachelor of Fine Arts

Prerequisites (24 SEMESTER HOURS)

Requires grades of “C” or above.
ART 1300 C  3.0  Drawing I
ART 2301 C  3.0  Drawing II
ART 1201 C  3.0  Two-dimensional Design
ART 2203 C  3.0  Three Dimensional Design
ARH 2050  3.0  Art Hist Surv I
ARH 2051  3.0  Art Hist Surv II

Two Intro Media Courses
ART

Major Requirements (45 SEMESTER HOURS)

Prerequisite policy: courses must be taken in prerequisite order. Please check the catalog course descriptions for prerequisites required for each course prior to registering. If a course is a prerequisite for another, they may not be taken at the same time. Prerequisites are strictly enforced by the faculty and registrar.

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

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

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

3 Art History (3000 - 4000 LEVEL)

ARH

Major Electives (3000 - 4000 LEVEL) (09 SEMESTER HOURS)
Select 3 art or photography electives
ART/PGY

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
Select four courses
ART 3170 3.0 Clas Greek-Roman Art
ART 3302 3.0 Italian Renaissance
ART 3332 C 3.0 Figure Drawing II
Prereq: ART 2330C

Major Electives (12 SEMESTER HOURS)

Free Electives (3000 - 4000 LEVEL) (06 SEMESTER HOURS)
* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Limited Access Programs
Graphic Design and Multimedia

Effective fall term 2002 the BFA in Fine Arts Graphic Design track and Multimedia track will be limited access programs. Students wishing to become majors on or after that date should complete prerequisite courses, submit an application, undergo a portfolio review and be notified in writing of acceptance into the program. A faculty committee will conduct the portfolio review in the spring and fall of each year.

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

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

Rationale: The Graphic Design and Multimedia faculty believe that the best way to effectively manage a highly technical yet popular program of study is to limit annual enrollment. Neither the department nor the University possesses the resources that would be required to meet ever-increasing student demand.
Procedure: All students interested in participating in the portfolio review should contact the Department of Communications and Visual Arts in writing requesting information and an application packet.

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

Limited Access Procedure:
1. Applicants must apply to participate in the portfolio review.
2. Applicants must participate in a portfolio review and be formally accepted into the program.
3. The portfolio review is required of all applicants.
   • Portfolios and applications will be accepted during February for entry into the program in the fall semester and during September for entry into the program in January.
   • The portfolio will consist of 8 visual arts pieces. A variety of media may be used.
   • Each piece should be mounted on a 16” x 20” board or presented on a 35mm slide or presented as digital media viewable on a Macintosh computer or on the World Wide Web.
   • Place the last 4 digits of your social security number on each piece. **DO NOT PLACE YOUR NAME ON ANY OF THE PIECES SUBMITTED.**
   • Applicants will submit answers in writing to a set of questions provided by the committee. Place the last 4 digits of your social number on each sheet used to answer questions. **DO NOT PLACE YOUR NAME ON ANY OF THE SHEETS USED TO ANSWER QUESTIONS.**
   • Applicants will be ranked on quality, creativity, presentation and ability to communicate answers to questions.
   • Applicants will be ranked from number 1 to the total number of applicants. There will be no ties.
   • The review committee will be composed of no less than four Visual Arts Professors.
4. Admittance into the program is based on the ranking determined by the review committee.
   • The number of students admitted is determined by the evaluation and the number of open positions in the program.
5. This is a blind evaluation.
6. Notification of acceptance will be no later than April 1 or November 1, as appropriate.
7. Prior to beginning the program, Applicants must
   a. be notified in writing of acceptance into the program
   b. have completed all requirements as published in the appropriate catalog or program of study.
8. Individual students with exceptional qualifications may petition for admission out of cycle.
9. Application to the University is not required for participation in the review but is required to enroll.
10. Requests to participate in the portfolio review should be made in writing no later than September 15, 2003 for the October review and February 16, 2004 for the March review.

Send requests to participate to:
Portfolio Review
Department of Communications & Visual Arts
University of North Florida
4567 St. Johns Bluff Road South
Jacksonville, FL 32224

Major: Fine Arts
Track: Graphic Design
Degree: Bachelor of Fine Arts

Prerequisites (24 SEMESTER HOURS)
Newly admitted graphic design majors will start taking the graphic design sequence as of the fall semester.

- ART 1300 C 3.0 Drawing I
- ART 1201 C 3.0 Two-Dimensional Desi
- ARH 2050 3.0 Art Hist Surv I
- ART 2301 C 3.0 Drawing II
- ART 2203 C 3.0 Three Dim Design
- ARH 2051 3.0 Art Hist Surv II
2 Intro Media Electives
   ART/GRA/PGY

Requisites (06 SEMESTER HOURS)
(requisites may also be used to satisfy intro media area above)
- ART 2605 C 3.0 Basic Computer Image
- GRA 2190 C 3.0 Graphic Design
   Prereqs: ART 1300C, 2301C, 1201C and 2203C

Major Requirements (36 SEMESTER HOURS)
Prerequisite policy: courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. Please check the catalog course description section for prerequisites required for each course prior to registering. If a course is prerequisite to another, the courses may not be taken at the same time. Prerequisites are strictly enforced by the faculty and registrar.

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

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

- PGY 2401 C 3.0 Photography In B&W
- ART 2330 C 3.0 Figure Drawing
   Prereqs: ART 1300C and ART 2301C
- ART 4610 C 3.0 Digital Imaging
   Prereq: ART 2605C
- GRA 3203 C 3.0 Prepress Production
   Prereq: ART 2605C
- ART 4255 C 3.0 Illustration
   Prereq: GRA 2190C
- GRA 3183 C 3.0 Graphic Design II
   Prereqs: GRA 2190C and GRA 3203C
- ART 4682 C 3.0 Graphic Design III
   Prereq: GRA 3183C
- ARH 4724 3.0 Graphic Design His
   Note: offered only in the spring term
- ART 4683 C 3.0 Graphic Design IV
   Prereq: ART 4682C
**Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)**
Select four of the following courses or choose other courses with prefixes of ART/ARH/PGY/GRA.

- **PGY 3410 C 3.0 Intermediate Photogy**
  Prereq: PGY 2401C
- **ADV 3200 3.0 Advertising Design**
  Prereq: ART 2605C
- **ART 4686 C 3.0 Graphic Design V**
  Prereq: ART 4683C
- **RTV 3220 C 3.0 TV Prod Vis Arts TV**
  Prereqs: MMC 3105C and RTV 3000
- **GRA 4930 3.0 Senior Seminar**
  Prereq: senior status w/ 3 upper-level graphic design courses

"or"

Select other upper-level courses with prefixes of ART/ARH/PGY/GRA.

**ART ARH PGY GRA (3000-4000)**

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

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
GRA 4712 C  3.0  Digital Video Tech  
Prereq: RTV 3220C
ART 4955  3.0  Graph Des/Photo Port  
Prereq: senior status w/3 upper-level graphic design courses

Select one upper-level art history
ARH

Major Electives  (09 SEMESTER HOURS)

Select 3 of the following courses. Other art related courses may be substituted with the permission of the department chair. Grades of “C” or above required in all major electives.

GRA 3203 C  3.0  Prepress Production  
Prereq: ART 2605C ***
ART 4682 C  3.0  Graphic Design III  
Prereq: ART 3183C ***
GRA 3735  3.0  Fund Multimedia Dev  
Prereq: ART 2605C
GRA 3734  3.0  New Media P & P  
Prereq: ART 2605C
ADV 3200  3.0  Advertising Design  
Prereq: ART 2605C
GRA 4255 C  3.0  Illustration  
Prereq: ART 2190C
PGY 3410 C  3.0  Intermediate Photogy  
Prereq: PGY 2401C
GRA 4725 C  3.0  Adv Web Animation  
Prereq: ART 4145C
GRA 4165 C  3.0  Motion Graphics  
Prereq: ART 4683C
ART 2330 C  3.0  Figure Drawing  
Prereqs: ART 1300C and ART 2301C
GRA 4940  3.0  Int Graphic Design  
Prereq: senior status w/ 3 upper-level graphic design courses
GRA 4930  3.0  Senior Seminar  
Prereq: senior status w/ 3 upper-level graphic design courses

Students may not take independent study courses without prior approval from the department chairperson (electronic approval will also be required).

Free Electives  (06 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.

* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

MINORS IN FINE ARTS

Minor: Art History Minor  (15 SEMESTER HOURS)

ARH 2050  3.0  Art Hist Surv I
ARH 2051  3.0  Art Hist Surv II
Select 3 Art History Courses  (3000 - 4000 LEVEL)
ARH

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

Minor: Photography Minor  (15 SEMESTER HOURS)

Required Courses
PGY 2401 C  3.0  Photography In B&W
PGY 3410 C  3.0  Intermediate Photogy
Select 1
PGY 3801 C  3.0  Digital Imaging Phot
PGY 4610  3.0  Photojournalism
Select 1 Of The Following:
ARH 4712  3.0  Photo Hist 1839-1916
ARH 4713  3.0  Photo Hist 1916 Pres
Select 1 Of The Following:
ART 1201 C  3.0  Two-Dimensional Desi
ART 2605 C  3.0  Basic Computer Image
RTV 3220 C  3.0  TV Prod Vis Arts TV
ADV 3200  3.0  Advertising Design
PGY 4610  3.0  Photojournalism
ART 4610 C  3.0  Digital Imaging
PGY 4220 C  3.0  Adv Photo Illustrati
PGY 4201 C  3.0  Adv Light Principles
PGY 3801 C  3.0  Digital Imaging Phot

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

Conditions for minor:
1. A minimum of 50% of the courses required for the Photography Minor must be taken at UNF.
2. Courses with lower-level numbers may be used as part of the minor, but a minimum of 9 semester hours of upper-level courses are required for the Photography Minor.
3. A grade of “C” or better is required for all minor courses.
4. Courses used in the art major may not be duplicated in the Photography Minor. Instead, substitute courses will be required.
5. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.
Minor: Studio Art Minor  

**Minor Prerequisites (03 SEMESTER HOURS)**

- ART 2500 C 3.0 Painting Fundamental

**Minor Requirements (15 SEMESTER HOURS)**

- ART 1300 C 3.0 Drawing I
- ART 3504 C 3.0 Painting Studio
- Two Art Electives (3000 - 4000 LEVEL)
- ART PGY
- One Art History Elective (3000 - 4000 LEVEL)

**Conditions for the minor:**

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

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

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BS in Communications

The department provides a career-oriented curriculum based on a liberal arts framework. The student will complete 39 hours of course work in communications. It is strongly recommended that students also take MMC 1004 Media Literacy and SPC 2060 Fundamentals of Speech. **All students must be able to type.** Prerequisite courses should be taken in the freshman and sophomore years; a limited number of Major Requirement and Major Elective courses may be taken in the second semester of the sophomore year.

**Senior Project:** The Mass Communications faculty firmly believes that all mass communications students should engage in a professional internship that provides a significant, realistic component to the student’s education. The focus of the internship is not in isolation, but in the larger framework of the student’s education. Credit for such professional experience should be noted on the transcript. Academic credit for this course is limited to one three-hour course.

The Mass Communications faculty recognizes that there may be exceptional cases that prevent a student from participating in a professional internship. It is assumed, however, that exceptions to the internship will be extremely rare and only after the student has submitted their request and justification in writing.

**Option 1:** A substantial research paper.

**Option 2:** A major project in the student’s field that allows the faculty to fully evaluate the student’s skills.

Please be aware of all prerequisites before enrolling in a course. Prerequisites are enforced.

The CVA office should be notified in advance if the first day of class in a given semester or summer session will be missed. Failure to do so will forfeit your place in that class.

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Major: Communications  

**Track: Advertising**

Degree: Bachelor of Science

**Requisites (06 SEMESTER HOURS)**

Students intending to major in the Advertising, Broadcasting, Journalism or Public Relations tracks take both of the following:

- MMC 1004 3.0 Media Literacy
- SPC 2060 3.0 Fundamentals Of Speech

**Prerequisites (18 SEMESTER HOURS)**

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

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

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

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

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

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

**Required Courses**

- STA 2014 3.0 G(M)Elem Sta-Hlth/Ss
- MMC 3105 3.0 Adv Writing Fr Media
- MMC 3614 3.0 Prin Media & Society
- MMC 3422 3.0 Information Gathering  
  Prereq: MMC 3614
- MMC 3205 3.0 Ethics/Law Comm  
  Prereqs: MMC 3105 and MMC 3614
- MMC 4420 3.0 Mass Comm Research  
  Prereqs: MMC 3422, MMC 3614 and STA 2014
- MMC 4975 3.0 Senior Project  
  Prereqs: MMC 3422, MMC 3205, MMC 3614 and MMC 3105

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

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

**Advertising Track (3000 - 4000 LEVEL)**

- ADV 3000 3.0 Prin Of Advertising
- ADV 3200 3.0 Advertising Design  
  Prereq: ART 2605 C
- ADV 3101 3.0 Advertising Copywr: 
  Prereqs: ADV 3000 and MMC 3105
- ADV 3300 3.0 Media Planning  
  Prereqs: ADV 3000 and MMC 3105
- ADV 4800 3.0 Ad Campaigns  
  Prereqs: ADV 3000 and ADV 3101 and MMC 3105

94 College of Arts and Sciences
Select one course from the following list:

**PGY 2401 C 3.0 Photography In B&W**
Prereqs: MMC 1004 and MMC 3105

**PGY 4610 3.0 Photojournalism**
Prereqs: PGY 2401C and MMC 3105

**ADV 3003 C 3.0 Layout & Production**
Recommended Prereq: ART 2605 C

**JOU 3302 3.0 Wrtng Edtrls/Clmns**
Prereqs: JOU 3101 and MMC 3105

**JOU 4117 3.0 Seminar Reprtng Tech**
Prereqs: JOU 3101 and MMC 3105

**JOU 4202 3.0 Advanced Nwspapr Edi**
Prereqs: JOU 3101 and MMC 3614 and MMC 3105

**MMC 3130 3.0 Presentation/Design**
Prereqs: PUR 3000 and PUR 3100 and MMC 3614 and MMC 3105

**MMC 3932 AA 3.0 ST:Hlth Communicatns**
Prereqs: MMC 3422 and MMC 3614 and MMC 3105

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

**MAR 3023 3.0 Prin Of Marketing**
Prereqs: ECO 2013 and ECO 2023 (Macro/Micro) Economics

**MAR 4323 3.0 Advert Management**
Prereq: MAR 3023

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**Major: Communications**

**Track: Broadcasting**

**Degree: Bachelor of Science**

**Requisites (06 SEMESTER HOURS)**
It is strongly recommended that students intending to major in the Advertising, Broadcasting, Journalism or Public Relations tracks take both of the following courses:

- MMC 1004 3.0 Media Literacy
- SPC 2060 3.0 Fundmntls Of Speech

**Prerequisites (18 SEMESTER HOURS)**
18 hours outside the major and beyond the 36 hours of general education requirements.

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

**Required Courses**

- STA 2014 3.0 G(M)Elem Sta-Hlth/Ss
- MMC 3105 3.0 Adv Writing Fr Media
- MMC 3614 3.0 Prin Media & Society
- MMC 3422 3.0 Information Gatherng
- Prereq: MMC 3614
- MMC 3205 3.0 Ethics/Law Comm
- Prereqs: MMC 3422 and MMC 3614
- MMC 4420 3.0 Mass Comm Research
- Prereqs: MMC 3422 and MMC 3614 and STA 2014
- MMC 4975 3.0 Senior Project
- Prereqs: MMC 3422 and MMC 3205 and MMC 3614 and MMC 3105

**Major Electives (3000 - 4000 LEVEL) (18 SEMESTER HOURS)**
Students should check catalog course description section for prerequisites that may be required for the courses below.

**Broadcasting Track (3000 - 4000 LEVEL)**

- RTV 3000 3.0 Prin Of Broadcasting
- RTV 3220 C 3.0 TV Prod Vis Arts TV
- Prereqs: RTV 3000 and MMC 3105
- RTV 3930 AF 3.0 ST:Broadcast Mgmt
- Prereqs: RTV 3000 and MMC 3105
- RTV 3101 3.0 Adv Brdcast Wrtg
- Prereqs: RTV 3000 and MMC 3614 and MMC 3105
- RTV 4221 C 3.0 Adv TV Production
- Prereq: RTV 3220 C

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* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
  * A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
  * All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
  * Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
Select one course from the following list:

- **PGY 2401 C 3.0 Photography In B&W**
  - Prereqs: MMC 1004 and MMC 3105
- **PGY 4610 C 3.0 Photojournalism**
  - Prereqs: PGY 2401 C and MMC 3105
- **ADV 3003 C 3.0 Layout & Production**
  - Recommended Prereq: ART 2605 C
- **RTV 2230 3.0 R & TV Announcing**
  - Prereqs: MMC 1004 and MMC 3105
- **PGY 3401 C 3.0 Photography In Color**
  - Prereqs: MMC 1004 and MMC 3105
- **RTV 2234 3.0 R & TV Production**
  - Prereqs: MMC 1004 and MMC 3614 and MMC 3105
- **JOU 3302 3.0 Wrtng Edtrls/Clmns**
  - Prereqs: JOU 3101 and MMC 3105
- **JOU 4117 3.0 Seminar Reprtng Tech**
  - Prereqs: JOU 3101 and MMC 3105
- **JOU 4202 3.0 Advanced Nwspapr Edi**
  - Prereqs: JOU 3101 and MMC 3614 and MMC 3105
- **MMC 3130 3.0 Presentation/Design**
  - Prereqs: PUR 3000 and PUR 3100 and MMC 3614 and MMC 3105
- **MMC 3932 AA 3.0 ST:Hlth Communicatns**
  - Prereqs: MMC 3422 and MMC 3614 and MMC 3105

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

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
- A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
- Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
- Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
- Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
- All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
- An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

**Major: Communications**

**Track: Journalism**

**Degree: Bachelor of Science**

**Requisites (06 SEMESTER HOURS)**

It is strongly recommended that students intending to major in the Advertising, Broadcasting, Journalism or Public Relations tracks take both of the following courses:

- **MMC 1004 3.0 Media Literacy**
- **SPC 2060 3.0 Fundmntls Of Speech**

**Prerequisites (18 SEMESTER HOURS)**

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

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

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

Electronic approval of prerequisites: electronic approval must be attain for courses requiring prerequisites in which you are currently enrolled or have taken here at UNF.

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

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

**Required Courses**

- **STA 2014 3.0 G(M)Elem Sta-Hlth/Ss**
- **MMC 3105 3.0 Adv Writing Fr Media**
- **MMC 3614 3.0 Prin Media & Society**
- **MMC 3422 3.0 Information Gatherng**
- **Prereq: MMC 3105**
- **MMC 3205 3.0 Ethics/Law Comm**
  - Prereqs: MMC 3422 and MMC 3614
- **MMC 4420 3.0 Mass Comm Research**
  - Prereqs: MMC 3422 and MMC 3614 and MMC 3105
- **MMC 4975 3.0 Senior Project**
  - Prereqs: MMC 3422 and MMC 3205 and MMC 3614 and MMC 3105

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

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

**Journalism Track (3000 - 4000 LEVEL)**

- **JOU 3204 3.0 Prin Of Journalism**
- **JOU 3101 3.0 Advanced Reporting**
  - Prereq: MMC 3105
- **JOU 3308 3.0 Mgzn Feature Wrtng**
  - Prereqs: JOU 3101 and MMC 3105
- **JOU 3925 3.0 App Journlsm (Print)**
  - Prereqs: JOU 3101 and MMC 3105
- **JOU 4202 3.0 Advanced Nwspapr Edi**
  - Prereqs: JOU 3101 and MMC 3614 and MMC 3105
Select one course from the following list.

PGY 2401 C 3.0 Photography In B&W
RTV 2230 3.0 R & TV Announcing
Prereqs: MMC 1004 and MMC 3105
PGY 4610 3.0 Photojournalism
Prereqs: PGY 2401 C and MMC 3105
ADV 3003 C 3.0 Layout & Production
Recommended Prereq: ART 2605 C
JOU 3302 3.0 Wrtng Edtrls/Clmns
Prereqs: JOU 3101 and MMC 3105
JOU 4117 3.0 Seminar Reprtng Tech
Prereqs: JOU 3101 and MMC 3105
JOU 4202 3.0 Advanced Nwspapr Edi
Prereqs: JOU 3101 and MMC 3614 and MMC 3105
MMC 3130 3.0 Presentation/Design
Prereqs: PUR 3000 and PUR 3100 and MMC 3614 and MMC 3105
MMC 3932 AA 3.0 ST:Hlth Communicatns
Prereqs: MMC 3422 and MMC 3614 and MMC 3105
MAN 3025 3.0 Adminis Management
Recommended Prereq: SOP 3004 (Social Psychology)
MAR 3023 3.0 Prin Of Marketing
Prereqs: ECO 2013 and ECO 2023 (Macro/Micro) Economics
MAR 4323 3.0 Advert Management
Prereq: MAR 3023

Free Electives (3000 - 4000 LEVEL) (21 SEMESTER HOURS)
* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Communications
Track: Public Relations
Degree: Bachelor of Science

Requisites (06 SEMESTER HOURS)
It is strongly recommended that students intending to major in the Advertising, Broadcasting, Journalism and Public Relations tracks take both of the following courses:

MMC 1004 3.0 Media Literacy
SPC 2060 3.0 Fundmnls Of Speech

Prerequisites (18 SEMESTER HOURS)
18 hours outside the major and beyond the 36 hours of general education requirements.

Major Requirements (3000 - 4000 LEVEL) (21 SEMESTER HOURS)
Prerequisite policy: courses must be taken in prerequisite order. Students will be administratively withdrawn from courses if grades of “C” or above are not earned in all required prerequisites.

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

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

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

Required Courses
STA 2014 3.0 G(M)Elem Sta-Hlth/Ss
MMC 3105 3.0 Adv Writing Fr Media
MMC 3614 3.0 Adv Writing Fr Media
MMC 3422 3.0 Information Gatherng
Prereq: MMC 3614
MMC 3205 3.0 Ethics/Law Comm
Prereqs: MMC 3422 and MMC 3105
MMC 4420 3.0 Mass Comm Research
Prereqs: MMC 3422 and MMC 3614 and STA 2014
MMC 4975 3.0 Senior Project
Prereqs: MMC 3422 and MMC 3205 and MMC 3614 and MMC 3105

Major Electives (3000 - 4000 LEVEL) (18 SEMESTER HOURS)
Students should check catalog course description section for prerequisites that may be required for the courses below.

Public Relations Track (3000 - 4000 LEVEL)
PUR 3000 3.0 Prin Pub Relations
PUR 3100 3.0 Public Reltns Writing
Prereqs: PUR 3000 and MMC 3105
PUR 4400 3.0 Crisis Communication
Prereqs: PUR 3000 and MMC 3105
PUR 4800 3.0 Pub Reltns Campaign
Prereqs: PUR 3000 and MMC 3422 and MMC 3105
PUR 4801 3.0 Pub Relations Cases
Prereqs: PUR 3000 and MMC 3422 and MMC 3105
MINOR IN COMMUNICATIONS

Minor: Advertising Minor
Minor Prerequisites (03 SEMESTER HOURS)
- MMC 1004 3.0 Media Literacy

Minor Requirements (15 SEMESTER HOURS)
- MMC 3614 3.0 Prin Media & Society
- ADV 3000 3.0 Prin Of Advertising

Select 3 Advertising Courses (3000 - 4000 LEVEL)
- ADV

Conditions for the minor:
1. No more than 6 hours of transfer course work may be used for the advertising minor.
2. A grade of “C” or better is required in all minor courses and prerequisites.
3. Majors in communications may not select other communications minors.
4. Three hours of lower-level courses may be used for the Advertising Minor.

Minor: Broadcast Minor
Minor Prerequisites (03 SEMESTER HOURS)
- MMC 1004 3.0 Media Literacy

Minor Requirements (15 SEMESTER HOURS)
- MMC 3614 3.0 Prin Media & Society
- RTV 3000 3.0 Prin Of Broadcasting
- RTV 3220 C 3.0 TV Prod Vis Arts TV

Select Two Courses (3000 - 4000 LEVEL)
- RTV MMC

Conditions for the minor:
1. No more than 6 semester hours of transfer courses may be used for the broadcasting minor.
2. A grade of “C” or better is required for all minor courses, including prerequisites.
3. Majors in communications may not select other communications minors.
4. Three hours of lower-level course may be used for the Broadcasting minor.
5. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Minor: Communications Minor
Minor Requirements (15 SEMESTER HOURS)
Note: students should be aware that 48 upper level hours are required for graduation.
- MMC 3105 3.0 Adv Writing Fr Media
- MMC 1004 3.0 Media Literacy
- MMC 3205 3.0 Ethics/Law Comm
- MMC 3422 3.0 Information Gathering

Select one from the list below:
- ADV 3000 3.0 Prin Of Advertising
- JOU 3101 3.0 Advanced Reporting
- MMC 3614 3.0 Prin Media & Society
- PUR 3000 3.0 Prin Pub Relations
- RTV 3000 3.0 Prin Of Broadcasting
- SPC 2060 3.0 Fundmntls Of Speech

Conditions for the minor:
1. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.
2. No more than 6 semester hours of transfer courses may be used for the communications minor.
3. 3 hours of lower level courses may be used of the Communications minor.
4. A grade of “C” or better is required in all minor courses and prerequisites.
5. Majors in communications may not pursue minors in any Communications area.

Free Electives (3000 - 4000 LEVEL) (21 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* A grade of “C” or better is required in all minor courses and prerequisites.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
Minor: Journalism Minor

Minor Prerequisites (03 SEMESTER HOURS)
MMC 1004 3.0 Media Literacy

Minor Requirements (15 SEMESTER HOURS)
MMC 3105 3.0 Adv Writing Fr Media
JOU 3101 3.0 Advanced Reporting
MMC 3614 3.0 Prin Media & Society
Select Two Courses (3000 - 4000 LEVEL) JOU

Note: courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken together. Written permission from the department chairperson is required to override either policy.

Conditions for the minor:
1. No more than 6 semester hours of transfer courses may be used for the journalism minor.
2. Only three hours of lower-level courses may be used in the minor. At least 12 hours must be upper level.
3. A grade of “C” or better is required for all minor courses, including prerequisites.
4. Majors in communications may not select journalism as a minor.
5. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Minor: Public Relations Minor

Minor Prerequisites (03 SEMESTER HOURS)
MMC 1004 3.0 Media Literacy

Minor Requirements (15 SEMESTER HOURS)
MMC 3614 3.0 Prin Media & Society
PUR 3000 3.0 Prin Pub Relations
Select Three Courses (3000 - 4000 LEVEL) PUR

Conditions for the minor:
1. No more than 6 semester hours of transfer credit may be used for the public relations minor.
2. Three hours of lower-level courses may be used in the Public Relations minor.
3. A grade of “C” or better is required for all minor courses, including prerequisites.
4. Majors in communications may not select a Public Relations Minor.
5. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Department of Economics and Geography
620-2640

Paul M. Mason, Professor and Chair
Stephen L. Shapiro, Professor
Jeffrey W. Steagall, Professor
Earle C. Traynham, Professor and Dean
Louis A. Woods, Professor
Harriet A. Stranahan, Associate Professor
Mina Baliamoune, Assistant Professor
Sharon C. Cobb, Assistant Professor
Natalia Sinyavskaya-Salazar, Assistant Professor
W. Thomas Coppedge, Instructor

The program of the Department of Economics and Geography is designed to provide students with the tools and concepts necessary to understand our modern economy, to function more effectively as citizens, and to make sound decisions. A major in economics opens the door to a wide variety of jobs in business, government, finance, and the professions. Economics is particularly appropriate for those students who plan to enter public service or law, whether in the community or at other levels, or who plan to go on to graduate study.

Major: Economics
Track: Economics
Degree: Bachelor of Arts

Prerequisites (06 SEMESTER HOURS)
Requires grades of “C” or above.
ECO 2013 3.0 Princ Macroeconomics
ECO 2023 3.0 Princ Microeconomics
Or (1000 - 2000 LEVEL)
ECO

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Requires grades of “C” or above.
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence
SPN 1120 4.0 Beginning Spanish I
SPN 1121 4.0 Beginning Spanish II
FRE 1120 4.0 Beginning French I
FRE 1121 4.0 Beginning French II
FOL 2930 4.0 Beging Forgn Lang I
FOL 2931 4.0 Beging Forgn Lang II
SPA 4620 3.0 American Sign Lang I
EEX 4930 AF 1.0 ASL Lab I
SPA 4623 3.0 Ameri Sign Lang II
EEX 4930 AE 1.0 ASL Lab II

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

(3000 - 4000 LEVEL)  
(12 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3411</td>
<td>3.0</td>
<td>Business &amp; Econ Stat&lt;br&gt;Prereq: Introductory Statistics</td>
</tr>
<tr>
<td>ECO 3101</td>
<td>3.0</td>
<td>Inter Microeconomics&lt;br&gt;Prereq: ECO 2023 (Micro)</td>
</tr>
<tr>
<td>ECO 3203</td>
<td>3.0</td>
<td>Inter Macroeconomics&lt;br&gt;Prereqs: ECO 2013 (Macro) Coreq: ECO 3411 or ECO 3421</td>
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</table>

Select 1 International Course

<table>
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<tr>
<th>Course</th>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ECO 3703</td>
<td>3.0</td>
<td>International Trade&lt;br&gt;Prereq: ECO 2023</td>
</tr>
<tr>
<td>ECO 4723</td>
<td>3.0</td>
<td>Inter Monetary Sys&lt;br&gt;Prereq: ECO 3203</td>
</tr>
</tbody>
</table>

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

Select three upper level economics electives

Select 3 Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3622</td>
<td>3.0</td>
<td>Amer Econ History</td>
</tr>
<tr>
<td>ECO 4303</td>
<td>3.0</td>
<td>Hist Of Econ Thought&lt;br&gt;Prereqs: ECO 2013 and ECO 2023</td>
</tr>
<tr>
<td>ECO 4504</td>
<td>3.0</td>
<td>Public Finance&lt;br&gt;Prereqs: ECO 2013 and ECO 2023</td>
</tr>
<tr>
<td>ECP 3203</td>
<td>3.0</td>
<td>Labor Economics&lt;br&gt;Prereqs: ECO 2013 and ECO 2023</td>
</tr>
<tr>
<td>ECO 3403</td>
<td>3.0</td>
<td>Eco Of Indus Organizer&lt;br&gt;Prereqs: ECO 2013 and ECO 2023</td>
</tr>
<tr>
<td>ECP 4413</td>
<td>3.0</td>
<td>Government &amp; Busines&lt;br&gt;Prereqs: ECO 2013 and ECO 2023</td>
</tr>
<tr>
<td>ECO 3013</td>
<td>3.0</td>
<td>Economic Development&lt;br&gt;Prereqs: ECO 2013 and ECO 2023</td>
</tr>
<tr>
<td>ECO 4223</td>
<td>3.0</td>
<td>Monetary Economics&lt;br&gt;Prereq: ECO 3203</td>
</tr>
<tr>
<td>ECO 4723</td>
<td>3.0</td>
<td>Inter Monetary Sys&lt;br&gt;Prereq: ECO 3203</td>
</tr>
<tr>
<td>ECO 4933</td>
<td>1-3</td>
<td>Spec Topics:Economic&lt;br&gt;Prereq: ECO 4905</td>
</tr>
<tr>
<td>ECO 4905</td>
<td>1-3</td>
<td>Dir Indep Study</td>
</tr>
</tbody>
</table>

Note: a grade of “C” or better is required in all economics courses.

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

All minors require 15 hours. See catalog for list.

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

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

**Minor: Economics Minor**

**Minor Prerequisites**

(06 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013</td>
<td>3.0</td>
<td>Princ Microeconomics</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>3.0</td>
<td>Princ Macroeconomics</td>
</tr>
</tbody>
</table>

**Minor Requirements**

(15 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3101</td>
<td>3.0</td>
<td>Inter Microeconomics</td>
</tr>
<tr>
<td>ECO 3203</td>
<td>3.0</td>
<td>Inter Macroeconomics</td>
</tr>
</tbody>
</table>

(3000 - 4000 LEVEL)

Select three upper level courses with the following prefixes. ECO ECP GEO

**Conditions for the minor:**
1. A grade of “C” or better is required in all courses for the minor in Economics, including prerequisites.
2. At least 6 hours of upper-level course work in Economics must be completed at UNF.
3. No lower level coursework may be used for required courses in Economics without written approval of the department chairperson in Economics.

**Department of English and Foreign Languages**

620-2273

Mark E. Workman, Dean of the College of Arts and Sciences; Professor
William R. Slaughter, Professor and Undergraduate Coordinator
Richard B. Bizot, Professor and Coordinator of Irish Studies
Kathleen Hassall, Associate Professor and Director of the Writing Center
Mary Baron, Professor
Marnie C. Jones, Professor
Allen Tilley, Professor
Patricia A. Geesey, Associate Professor
Ronald F. Kephart, Associate Professor
A. Samuel Kimball, Associate Professor
Nancy J. Levine, Associate Professor
Jason I. Mauro, Associate Professor
Pamela A. Monteleone, Associate Professor
Shira Schwam-Baird, Associate Professor
Renee S. Scott, Associate Professor
Brian J. Striar, Associate Professor
Jose Luis Angeles, Assistant Professor
Martin R. Camps, Assistant Professor
Miriam Chirico, Assistant Professor
Ana Y. Contreras, Assistant Professor
D. Christopher Gabbard, Assistant Professor
Betsy L. Nies, Assistant Professor
Every culture defines itself partly through its language. Every culture possesses a fund of stories, poems, traditions, and sayings which help to construct its sense of the world. Educated people everywhere are recognized through their ability to use language well. Our lives — professional, personal, and artistic — are enriched by our powers to speak and write as we would wish. The Department of English and Foreign Languages is devoted to the arts and skills of language.

The department serves UNF’s students through training and education in English and a range of foreign languages. Recognizing the centrality of writing skills to an educated citizen, the department seeks to enhance its own expertise in the teaching of writing, to develop links between the Department’s composition courses and the remaining General Education curriculum, and to assist faculty in other departments as they, too, seek to teach writing.

Advanced study in both English and foreign languages usually concerns the history, modes, contexts, and accomplishments of the linguistic arts. The department’s courses often involve the reading of a culture through its literary products. Film and drama, as forms of story, fall within the department’s range, as do literature in general, both oral and written, and linguistics. The English and foreign language faculty actively advance knowledge in the department’s domain.

The Department of English and Foreign Languages offers courses in American, British, Irish, and world literature, creative and expository writing, linguistics, and French, Latin, Spanish, and other foreign languages and literatures.

The department offers the B.A. in English, the B.A. in Spanish, and the M.A. in English. Minors are offered in French, Spanish, film studies, drama and English. Two tracks lead to the B.A. in English: the basic major and the drama track. For those who major in English in the College of Education and Human Services, the Department offers courses toward certification at the secondary level.

**Associated Programs and Minors** The department offers minors in English, film studies, drama, French and Spanish. Minors usually require 15 hours, including a minimum of 9 hours at UNF.

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**General Policies** Students who come to UNF without the prerequisite courses may take such courses here or elsewhere. Students may receive major credit for a total of no more than six (6) hours in workshops, practicums, and internships.

The material covered in one semester of introductory foreign language at UNF (I or II level courses) is roughly equivalent to that covered in two semesters of most three hour introductory courses. Therefore, the first semester of instruction in a language may not be taken for credit by students with six (6) or more hours of college credit in the language (or equivalent proficiency), and the second semester of a UNF foreign language sequence may not be taken for credit by students with twelve or more hours of college credit in the language (or equivalent proficiency). Students may audit a class only one time.

Students must notify the English and Foreign Languages Department office in advance if they will miss the first class meeting of a course. Otherwise, students who miss that meeting may be dropped from the course immediately.

Native speakers of French and Spanish are not allowed to take certain courses without first obtaining permission from the department. See the course descriptions.

**Major: English**

**Track: English**

**Degree: Bachelor of Arts**

**Prerequisites** (06 SEMESTER HOURS)

Requires grades of “C” or above.

- ENC 1101 3.0 G(6) College Writing
- ENC 1102 3.0 G(6) Informed Writer
- LIT 2110 3.0 G(6) Intro Literature
- LIT 2932 3.0 G(6) Theme/Types Lit

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

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

Requires grades of “C” or above.

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

Select 1 Sequence

- SPN 1120 4.0 Beginning Spanish I
- SPN 1121 4.0 Beginning Spanish II
- FRE 1120 4.0 Beginning French I
- FRE 1121 4.0 Beginning French II
- FOL 2930 4.0 Beging Forgn Lang I
- FOL 2931 4.0 Beging Forgn Lang II
- SPA 46203.0 American Sign Lang I
- EEX 4930 AF 1.0 ASL Lab I
- SPA 46233.0 Ameri Sign Lang II
- EEX 4930 AE 1.0 ASL Lab II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied)

See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) appears in the course title.
First day attendance rule: any student who misses the first day without advance notice to the Department of English’s chairperson will be administratively withdrawn from that course.

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

**Major Requirements**

**3000 - 4000 LEVEL**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 4014</td>
<td>3.0</td>
<td>G(3) Literary Inter</td>
</tr>
</tbody>
</table>

Select 1 literary periodizations: (one of the courses must be selected from the early period and the other from the later period of either American or British Literature).

Select 1 American Literary Periodization

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AML 3031</td>
<td>3.0</td>
<td>G(3) Per Ear Amer Lit</td>
</tr>
<tr>
<td>AML 3041</td>
<td>3.0</td>
<td>G(3) Per Late Am Lit</td>
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Select 1 British Literary Periodization

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ENL 3501</td>
<td>3.0</td>
<td>G(3) Prds Ely Brt Lit</td>
</tr>
<tr>
<td>ENL 3503</td>
<td>3.0</td>
<td>G(3) Prds Lit Brt Lit</td>
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**Major Electives**

<table>
<thead>
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<th>Course</th>
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<tr>
<td>AML 3102</td>
<td>3.0</td>
<td>G(3) Amer. Fiction</td>
</tr>
<tr>
<td>AML 3154</td>
<td>3.0</td>
<td>G(3) American Poetry</td>
</tr>
<tr>
<td>ENG 4105</td>
<td>3.0</td>
<td>Film As Literature</td>
</tr>
<tr>
<td>ENL 3112</td>
<td>3.0</td>
<td>G(3) British Novel I</td>
</tr>
<tr>
<td>ENL 3132</td>
<td>3.0</td>
<td>G(3) British Novel II</td>
</tr>
<tr>
<td>LIT 3043</td>
<td>3.0</td>
<td>G(3) Mod Contmp Drama</td>
</tr>
<tr>
<td>LIT 3331</td>
<td>3.0</td>
<td>G(3) Children’s Lit</td>
</tr>
<tr>
<td>LIT 3333</td>
<td>3.0</td>
<td>G(3) Adol Lit</td>
</tr>
<tr>
<td>LIT 4041</td>
<td>3.0</td>
<td>Study In Drama</td>
</tr>
<tr>
<td>LIT 3045</td>
<td>3.0</td>
<td>Periods Of Drama Lit</td>
</tr>
<tr>
<td>LIT 4935</td>
<td>3.0</td>
<td>STG(3)Literary Thms</td>
</tr>
</tbody>
</table>

Select 3 literature electives (3000/4000 level)

Two must be 4000 level if not satisfied in the above categories:

AML/CRW/ENG/ENL/LIT

**Required Capstone Experience**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT 4934</td>
<td>3.0</td>
<td>Seminar In Literatur</td>
</tr>
</tbody>
</table>

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

**Required Minor**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
</table>

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

**Free Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
</table>

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

* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).

* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).

* All prerequisites, major/minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.

* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).

* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.

* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.

* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

**TEACHER CERTIFICATION.**

Students should consult with the College of Education and Human Services (COEHS) concerning the professional courses in education needed for certification. The COEHS Advising Office can be reached at 620-2530.
Major: English  
Track: English-Drama  
Degree: Bachelor of Arts

Prerequisites  
(06 SEMESTER HOURS)

Requires grades of “C” or above.

- ENC 1101 3.0 G(6) College Writing
- ENC 1102 3.0 G(6) Informed Writer
- LIT 2110 3.0 G(6) Intro Literature
- LIT 2932 3.0 G(6) Theme/Types Lit

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

Foreign Lang/Foreign Cultures  
(08 SEMESTER HOURS)

Requires grades of “C” or above.

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

Select 1 Sequence

- SPN 1120 4.0 Beginning Spanish I
- SPN 1121 4.0 Beginning Spanish II
- FRE 1120 4.0 Beginning French I
- FRE 1121 4.0 Beginning French II
- FOL 2930 4.0 Beginning Forgn Lang I
- FOL 2931 4.0 Beginning Forgn Lang II
- SPA 4620 3.0 American Sign Lang I
- SPA 4623 3.0 American Sign Lang II
- EEX 4930 AF 1.0 ASL Lab I
- EEX 4930 AE 1.0 ASL Lab II

Or

(3000 - 4000 LEVEL)

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

Major Requirements  
(3000 - 4000 LEVEL)  
(21 SEMESTER HOURS)

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

Required Courses

- ENG 4014 3.0 G(3) Literary Inter
- LIT 3045 3.0 Periods Of Drama Lit
- ENL 3333 3.0 Shakespeare
- TPP 2100 3.0 Acting Workshop

Select one British or American Periodization course

- AML 3031 3.0 G(3) Per Ear Amer Lit
- AML 3041 3.0 G(3) Per Late Am Lit
- ENL 3501 3.0 G(3) Prds Ely Brit Lit
- ENL 3503 3.0 G(3) Prds Ltr Brit Lit

Select 6-7 hours from the following production courses.

- CRW 4424 4.0 Playwrights’ Project
- THE 4923 3.0 Play Production

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

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

Select one course in literary kind

- LIT 3043 3.0 G(3) Mod Contmp Drama
- LIT 4041 3.0 Stdy In Drama

Select one course in literary medium

- LIN 3010 3.0 Prin Of Linguistics
- LIN 4930 1-3 Sp Topics: Linguistic
- CRW 3930 3.0 Spec Top: Creative Wrt
- CRW 4905 3.0 Tutorial: Creative Wrt
- ENC 3250 3.0 G(6) Prof Communic
- ENC 3310 3.0 G(6) Writing Prose
- ENC 3930 3.0 Top Theory/Prac: Comp
- ENC 4930 3.0 Top Theory/Prac: Comp

Select one 4000-level literature elective

AML ENL LIT ENG

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

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

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

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

Note: grades of C or better are required in all major and prerequisite courses.

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

MINORS IN ENGLISH

Minor: English Minor

Minor Requirements  
(15 SEMESTER HOURS)

Select One Course

- ENL 3501 3.0 G(3)Prds Ely Brit Lit
- ENL 3503 3.0 G(3) Prds Ltr Brit Lit

Select One Course

- AML 3031 3.0 G(3) Per Ear Amer Lit
- AML 3041 3.0 G(3) Per Late Am Lit

Select three upper level courses with the following prefixes.

AML/ENL/CRW/ENG/LIT/ENC

Conditions for the minor:
1. No more than 6 semester hours, or 2 courses of transfer credit may be used in the English Minor.
2. No more than 6 semester hours, or 2 courses of lower-level credit may be used in the English Minor.
3. A minimum of 9 semester hours, or 3 courses must be upper-level.
4. No course which fulfills a freshman composition requirement may be used in the English Minor, even if the word “literature” is in the title.
5. A grade of “C” or better is required for all minor courses.

Minor: Drama Minor

Minor Requirements

<table>
<thead>
<tr>
<th>(3000 - 4000 LEVEL)</th>
<th>(15 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT 3045</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Select 6-7 credit hours of production from the following

(The 4923 may be repeated for 6 hours of credit)

| CRW 4424 | 4.0 | Playwrights’ Project |
| THE 4923 | 3.0 | Play Production |

Select Two Courses:

| LIT 3043 | 3.0 | G(3) Mod Contmp Drama |
| LIT 4041 | 3.0 | Stdy In Drama |
| LIT 4243 | 3.0 | Major Authors |
| ENL 3333 | 3.0 | Shakespeare |
| TPP 2100 | 3.0 | Acting Workshop |

Conditions for the minor:

1. A grade of “C” or better is required for all minor courses.
2. No more than 6 semester hours, or 2 courses of transfer credit may be used in the English - Drama Minors.
3. Only 6 semester hours of lower level credit may be used.
4. A minimum of 9 semester hours must be upper level.

Minor: Film Studies

Minor Requirements

<table>
<thead>
<tr>
<th>(15 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 4014</td>
</tr>
</tbody>
</table>

Choose four from this list:

| ENG 3132 | 3.0 | G(3) Studies In Film |
| ENG 3603 | 3.0 | G(3) American Film |
| ENG 4105 | 3.0 | Film As Literature |
| HIS 3317 | 3.0 | Hist In Photo/Film |
| ENG 4505 | 3.0 | G(3) Intntrnl Film |

Conditions for the minor:

1. A grade of “C” or better is required in all minor courses.
2. Students will be required to complete all prerequisites needed for individual minor courses.

Foreign Languages

BA in Spanish

General Requirements Students may earn a Bachelor of Arts in Spanish by completing 30 credit hours of courses in Spanish above the 2000 level as outlined below. The Spanish B.A. program offers courses in three broad content areas: Spanish language and culture; Spanish in the classroom; and Spanish literature. Students must earn a grade of “C” or better in all prerequisite and core/major courses.

Admission In addition to satisfying general University criteria for admission, students wishing to enter the degree program leading to the B.A. in Spanish must have supporting preparation in Spanish and must take a proficiency and/or placement test. Qualified students not satisfying these conditions may be admitted only after arranging a program of study with the foreign language coordinator which will remove the deficiencies. At a minimum, the following background preparation or its equivalent is expected of all students wishing to enter the program:

Major: Spanish Track: Spanish Degree: Bachelor of Arts

Prerequisites

<table>
<thead>
<tr>
<th>(06 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 6 - 12 Hours</td>
</tr>
<tr>
<td>SPN 1120</td>
</tr>
<tr>
<td>SPN 1121</td>
</tr>
<tr>
<td>SPN 2200</td>
</tr>
<tr>
<td>SPN 2201</td>
</tr>
</tbody>
</table>

Or demonstrate proficiency at the intermediate level

Students entering with previous course work in Spanish should meet with the Foreign Language Coordinator to determine their level of proficiency and proper placement.

Major Requirements

<table>
<thead>
<tr>
<th>(12 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>First day attendance rule: any student who misses the first day without advanced notice to the department chairperson will be administratively withdrawn from that course.</td>
</tr>
<tr>
<td>SPW 3100</td>
</tr>
<tr>
<td>SPW 3130</td>
</tr>
<tr>
<td>SPN 4420</td>
</tr>
<tr>
<td>SPN 4850</td>
</tr>
</tbody>
</table>

Major Electives

<table>
<thead>
<tr>
<th>(15 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 2 Courses From:</td>
</tr>
<tr>
<td>SPN 3013</td>
</tr>
<tr>
<td>SPN 3240</td>
</tr>
<tr>
<td>SPN 4410</td>
</tr>
<tr>
<td>SPN 4820</td>
</tr>
<tr>
<td>SPN 4840</td>
</tr>
</tbody>
</table>

Select 2 Courses From:

| SPW 3030 | 3.0 | Hispanic Readings |
| SPW 4304 | 3.0 | Lat Am Genres |
| SPW 4400 | 3.0 | Periods Of Span Lit |

Latin American Genres and Periods of Spanish Literature may be repeated once for credit but only under a different topic.

Select 1 Course From:

| LAS 3005 | 3.0 | (FC)Latin Amer Cult |
| LAS 3020 | 3.0 | (FC)Peopl/Cult Carib |
| LAS 3031 | 3.0 | (FC)Peo/Cul So Cone |
| LAS 3033 | 3.0 | Peopl/Cult C Am/Mex |
| SPN 3500 | 3.0 | (FC)Peopl/Cult Spain |
| ANT 4331 | 3.0 | (FC)People Of Andes |

Courses at 3000 level (except Spanish for Professions and Survey of Latin American Literature) first require completion of Intermediate Spanish I. All courses at 4000 level first require completion of Intermediate Spanish II. SPW 3030, SPN 3280 and SPN 4410 may not be taken by native speakers of Spanish unless permission is granted by the foreign language coordinator. No more than 15 semester hours may be transferred towards the major.

Contextual Courses

<table>
<thead>
<tr>
<th>(03 SEMESTER HOURS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIN 3010</td>
</tr>
</tbody>
</table>
Required Minor  
(3000 - 4000 LEVEL)  (15 SEMESTER HOURS)  
All minors require 15 hours. Refer to catalog for list.

Free Electives (3000 - 4000 LEVEL) (15 SEMESTER HOURS)  
* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.  
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).  
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).  
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of "C" or higher.  
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).  
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.  
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.  
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.  
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.  
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

MINORS IN FOREIGN LANGUAGE

Minor: French Minor  
Minor Prerequisites  (08 SEMESTER HOURS)  
FRE 1120  4.0 Beginning French I  
FRE 1121  4.0 Beginning French II  

Minor Requirements  (15 SEMESTER HOURS)  
Select Five French Electives  (3000 - 4000 LEVEL)  
Note: Native speakers of French must consult with the Language Coordinator or a French faculty for appropriate French electives.  
FRE/FRT/FRW/FOL/FOT  

Conditions for the minor:  
1. No more than 1 course (3 hours) taught in English may be taken  
2. At least 9 semester hours or 3 courses, must be upper level.  
3. Only 6 semester hours or 2 courses, may be lower level.  
4. No more than 6 semester hours, or 2 courses, may be transferred into the minor.  
5. A grade of "C" or better is required for all minor courses, including prerequisites.

Minor: Spanish Minor  
Minor Prerequisites  (08 SEMESTER HOURS)  
SPN 1120  4.0 Beginning Spanish I  
SPN 1121  4.0 Beginning Spanish II  

Minor Requirements  (15 SEMESTER HOURS)  
Select five Spanish language, literature and/or culture courses  
Note: Native speakers of Spanish must first consult with the Language Coordinator or a Spanish faculty for appropriate courses to take as Spanish electives.  
SPN/SPT/SPW/FOL/FOT/LAS  

Conditions for the minor:  
1. No more than 1 course (3 hours) taught in English may be taken  
2. At least 9 semester hours or 3 courses, must be upper level.  
3. Only 6 semester hours or 2 courses, may be lower level.  
4. No more than 6 semester hours, or 2 courses, may be transferred into the minor.  
5. A grade of "C" or better is required for all minor courses, including prerequisites.

Post-Baccalaureate Special Studies in English  
This program gives persons who have completed undergraduate studies with majors in fields other than English a chance to return for further literary study at the undergraduate level. The post-baccalaureate special studies in English requires eighteen hours of UNF literature courses. A certificate is issued upon completion. Students must have already completed a bachelor’s degree. Their program will be designed in consultation with a member of the English faculty. Specially designed courses will be offered as feasible. Interested persons should apply to the graduate coordinator of the Department of English and Foreign Languages.

Department of History  620-2886  
Dale L. Clifford, Associate Professor and Chair  
David T. Courtwright, Professor  
James B. Crooks, Professor Emeritus  
Elizabeth L. Furdell, Professor  
Thomas M. Leonard, Professor  
Theophilus C. Prousis, Professor  
Daniel L. Schafer, Professor  
J. Michael Francis, Associate Professor  
Carolyn L. Williams, Associate Professor  
Paul Halsall, Assistant Professor  
Philip G. Kaplan, Assistant Professor  
N. Harry Rothschild, Assistant Professor  
Aaron Sheehan-Dean, Assistant Professor

History  
The study of history involves an understanding and appreciation of our cultural heritage, whether ancient or modern, eastern or western, humanistic or technological. It seeks to appreciate the values of our global civilization in its many parts. The study of history stresses the importance of the historical perspective for understanding contemporary social, political, technological, and economic problems. In the words of Woodrow Wilson, “A nation which does not know what it was yesterday does not know what it is today, nor what it is trying to do.”

History depends upon the skills of communication. Knowledge has limited value unless it can be conveyed by word or picture, sight or sound. Studying history enables students to develop their creative and analytical powers, to learn the methodology of the discipline, to apply insights from other fields of thought, and to develop an in-depth understanding of a particular historical era.

History as a discipline is also committed to the liberal arts as the basic core of human knowledge. It contributes to the
development of the individual’s intellectual skills in preparation for employment. In addition, it encourages the creative and flexible thinking necessary to live in tomorrow’s world of continuing change. Finally, the study of history can motivate students to pursue independent learning after college. It is essential in the first decade of the 21st century that students appreciate the certainty of continuing change, develop the intellectual skills to respond to that change, and maintain a value system enabling them to understand the world and involve themselves in it.

The department’s goal is to graduate a liberally educated person who can view the world with a historical perspective, appreciate the traditions of various cultures, understand the role of change and continuity, and have interests encompassing humanities, social sciences, fine arts, and natural sciences. The history graduate should leave UNF with the ability to evaluate the world critically and with an understanding that education is a never-ending process.

**Major: History**  
**Track: History**  
**Degree: Bachelor of Arts**

**Prerequisites**  
Requires grades of “C” or above.

**Two Intro. History Courses**  
AMH/ASH/EUH/HIS/LAH

**Foreign Lang/Foreign Cultures**  
Requires grades of “C” or above.  
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule of courses booklet.

**Select 1 Sequence**  
- SPN 1120 4.0 Beginning Spanish I  
- SPN 1121 4.0 Beginning Spanish II  
- FRE 1120 4.0 Beginning French I  
- FRE 1121 4.0 Beginning French II  
- FOL 2930 4.0 Beging Forng Lang I  
- FOL 2931 4.0 Beging Forng Lang II  
- SPA 4620 3.0 American Sign Lang I  
- EEX 4930 AF 1.0 ASL Lab I  
- SPA 4623 3.0 Ameri Sign Lang II  
- EEX 4930 AE 1.0 ASL Lab II  

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

**Major Requirements**  
**(3000 - 4000 LEVEL) (19 SEMESTER HOURS)**  
- HIS 3051 4.0 G(6)Craft Of Histm

1 U.S. History Course  
AMH

1 European History  
EIH

**Honors in History**  
The program is available to students in history who are intellectually mature and who seek the challenge of doing a major research project under the supervision of a faculty mentor. This program is especially recommended to students who are considering graduate work in history or another discipline, such as law, which requires substantial research and writing. To earn honors in history, students must fulfill the requirements for the major with a 3.5 GPA in their major courses; must satisfactorily complete an honors thesis under the direction of a faculty member and defend the thesis before a three-member committee; and must complete two semesters of the honors colloquium. Students who complete these requirements will have honors in history noted on the transcript and diploma. For further information and applications, contact the department chairperson at 620-2886.
### MINORS IN THE DEPARTMENT OF HISTORY

#### Minor: History Minor
**Minor Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASN 2003</td>
<td>3.0</td>
<td>CD-Intro To Asia</td>
</tr>
</tbody>
</table>

Select Four Courses.

The faculty in Asian Studies includes professors of religion, literature, philosophy, history, sociology, political science, business and education. Together, they offer a broad range of courses conceived to provide students both with the opportunity to encounter Asia from the perspective of its inhabitants and to employ a comparative perspective on the Asian contribution to world civilization.

#### Minor: Classical Civilization Minor
**Minor Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EUH 3403</td>
<td>3.0</td>
<td>(FC) Ancient Greece</td>
</tr>
<tr>
<td>EUH 3411</td>
<td>3.0</td>
<td>(FC) Ancient Rome</td>
</tr>
</tbody>
</table>

Select four courses of which 3 must be taken with different prefixes: (ARH, CLT, FOL, HIS, PHH)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 3170</td>
<td>3.0</td>
<td>Clas Greek-Roman Art</td>
</tr>
<tr>
<td>CLT 4110</td>
<td>3.0</td>
<td>Clas Bckgrd West Lit</td>
</tr>
<tr>
<td>EUH 3403</td>
<td>3.0</td>
<td>(FC) Ancient Greece</td>
</tr>
<tr>
<td>EUH 3411</td>
<td>3.0</td>
<td>(FC) Ancient Rome</td>
</tr>
<tr>
<td>FOL 2930 AC</td>
<td>4.0</td>
<td>Beginning Latin I</td>
</tr>
<tr>
<td>FOL 2931 AA</td>
<td>4.0</td>
<td>Intsve Latin II</td>
</tr>
<tr>
<td>PHH 3100</td>
<td>3.0</td>
<td>Ancient Philosophy</td>
</tr>
<tr>
<td>PHH 3120</td>
<td>3.0</td>
<td>(FC) Greek Experience</td>
</tr>
</tbody>
</table>

Students may also select special topics courses approved by the classical civilization faculty to meet the above requirement.

**Conditions for minor:**

1. Nine credit hours must be taken at UNF.
2. Nine credit hours must be upper level (3000/4000)
3. A grade of C or better is required for all minor courses.

### Department of Mathematics and Statistics

620-2653

**Scott H. Hochwald,** Associate Professor and Chair
**Denis R. Bell,** Professor
**William H. Caldwell,** Professor
**Leonard J. Lipkin,** Professor
**Jingcheng Tong,** Professor
**William J. Wilson,** Professor
**Faiz Al-Rubaee,** Associate Professor
**Adel N. Boules,** Associate Professor
**Peter A. Braza,** Associate Professor and
  Associate Dean of the College of Arts and Sciences
**Donna L. Mohr,** Associate Professor
**Champak D. Panchal,** Associate Professor and
  Graduate Coordinator
**Rama M. Rao,** Associate Professor
**Ping Sa,** Associate Professor
**Pali Sen,** Associate Professor
**Peter Wludyka,** Associate Professor
**Michelle Dedeo-Lefkowitz,** Assistant Professor
**Daniel Dreibelbis,** Assistant Professor
**Richard Patterson,** Assistant Professor
**Mei-Qin Zhan,** Assistant Professor
Mathematics and statistics provide powerful tools for a constantly expanding variety of problems. There is hardly a field to which these intrinsically related sciences have not been applied, often providing capabilities that would have seemed fantastic only a few years ago. The Department of Mathematics and Statistics provides the student with an integrated approach to these areas and, at the same time, permits pursuit of a bachelor’s degree with concentration in either of the two disciplines.

It is recommended that prospective mathematics and statistics majors elect strong science options in their freshman and sophomore years.

General Information
The student must select either the mathematics or statistics program. All mathematics and statistics majors must have a minor; Bachelor of Science students must select their minors from the approved list given below. A grade of C or better in all prerequisite, major and minor courses is required for graduation. Specifics of the degree programs offered by the department are given below.

All majors must fulfill the University’s general education requirements and the College of Arts and Sciences graduation requirements. The minimum total hours required for all four-year degrees is 120 semester hours.

THE BACHELOR OF ARTS PROGRAM

Major: Mathematics
Track: Mathematics - BA Degree
Degree: Bachelor of Arts

Prerequisites (23 SEMESTER HOURS)
Requires grades of “C” or above.
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II
MAC 2313 4.0 G(M) Calculus III

One Computer Course
Department recommends a computer programming language course in Pascal, Fortran, C, C++, C++

COP

Two laboratory-based science courses designed for science majors
BSC CHM PHY

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

Select 1 Sequence
SPN 1120 4.0 Beginning Spanish I
SPN 1121 4.0 Beginning Spanish II
FRE 1120 4.0 Beginning French I
FRE 1121 4.0 Beginning French II
FOL 2930 4.0 Beging Forgn Lang I
FOL 2931 4.0 Beging Forgn Lang II
SPA 4620 3.0 American Sign Lang I
EEX 4930 AF 1.0 ASL Lab I

SPA 4623 3.0 Ameri Sign Lang II
EEX 4930 AE 1.0 ASL Lab II

Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied)
See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

Major Requirements (21 SEMESTER HOURS)
MAP 2302 3.0 G(M)Ord Diff Equatns
Prereq: MAC 2312
MHF 3202 3.0 Foundations Of Math
Prereq: MAC 2312
MAS 3105 4.0 G(M)Linear Algebra
Prereq: MAC 2312
MAA 4211 4.0 G(M)Adv Calculus I
Prereqs: MAC 2313, MAS 3105 and MHF 3202
MAA 4212 3.0 G(M) Adv Calculus II
Prereq: MAA 4212
MAS 4301 4.0 G(M)Abstract Algebra
Prereqs: MAS 3105 and MHF 3202

The math department recommends that Adv Calc II & Abstract Algebra be taken in the senior year. At least two math electives are recommended prior to taking MAA 4211.

Required Contextual(s) (04 SEMESTER HOURS)
STA 4321 4.0 G(M)Prob & Statistcs
Prereq: MAC 2312

Grade of “C” or higher required in all major courses.

Major Electives (3000 - 4000 LEVEL) (09 SEMESTER HOURS)
Select 3 courses from the following approved list

MAD 3107 3.0 G(M)Discrete Math
Prereq: MAC 2312
MAS 3203 3.0 G(M)Number Theory
Prereq: MAC 2312
MHF 3404 3.0 G(M) Histy Mathmtic
Prereq: MAC 2312
MAA 4402 3.0 G(M) Complex Anal.
Prereqs: MAC 2313
MAS 4156 3.0 Vector Analysis
Prereqs: MAC 2313
MTG 3212 3.0 G(M)Modern Geometry
Prereq: MHF 3202
MAP 4341 3.0 Elem. Part. Diff/Eq.
Prereqs: MAP 2302 and MAC 2313
MAD 4401 3.0 G(M)Numerical Analys
Prereqs: MAC 2313, MAP 2302 and MAS 3105
MTG 4302 3.0 G(M)Elemtry Topology
Prereqs: MAC 2313 and MHF 3202
STA 4445 3.0 G(M)Probability Models
Prereqs: STA 4321 and MAS 3105
STA 4603 3.0 Operations Research
Prereqs: MAS 3105 and STA 4321

Required Capstone Experience (02 SEMESTER HOURS)
MAS 4932 2.0 Math Capstone
Prereqs: senior standing and permission of the dept

Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
Minors require 15 hours. Refer to catalog for approved list.
Free Electives (3000 - 4000 LEVEL) (01 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of "C" or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Statistics
Track: Statistics - BA Degree
Degree: Bachelor of Arts

Prerequisites (15 SEMESTER HOURS)

Required Courses
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II

One Computer Course
Department recommends a computer programming language course in Pascal, Fortran, C, C+, or C++
COP

One laboratory-based science course designed for science majors
BSC CHM PHY

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online course schedule booklet.

Select 1 Sequence
SPN 1120 4.0 Beginning Spanish I
SPN 1121 4.0 Beginning Spanish II
FRE 1120 4.0 Beginning French I
FRE 1121 4.0 Beginning French II
FOL 2930 4.0 Beging Forgn Lang I
FOL 2931 4.0 Beging Forgn Lang II
SPA 4620 3.0 American Sign Lang I
SPA 4623 3.0 Ameri Sign Lang II
EEX 4930 AF 1.0 ASL Lab I
EEX 4930 AE 1.0 ASL Lab II
Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied)
See list of foreign culture courses in schedule of courses booklet.

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

Major Requirements (22 SEMESTER HOURS)

MAC 2313 4.0 G(M) Calculus III
Prereq: MAC 2312
MAS 3105 4.0 G(M)Linear Algebra
Prereq: MAC 2312
STA 4321 4.0 G(M)Prob & Statistics
Prereq: MAC 2312
STA 3163 4.0 G(M)Stat Methods I
Prereq: STA 2014 or STA 2023 or STA 4321
STA 3164 3.0 G(M)Stat Methods II
Prereq: STA 3163
STA 4322 3.0 G(M)Statistical Theo
Prereqs: MAC 2313 and STA 4321

Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)
Select 4 courses from the following approved list

STA 4202 3.0 G(M)Dsgn Of Expermnt
Prereq: STA 4321 or STA 2014
STA 4222 3.0 G(M)Dsgn/Sample Sur
Prereq: STA 4321 or STA 2014
STA 4664 3.0 Sttcl Quality Cntrl
Prereq: STA 4321 or STA 2014
STA 4445 3.0 G(M)Probablty Models
Prereqs: STA 4321 and MAS 3105
STA 4502 3.0 Non-Prmtc Meth:Stats
Prereqs: STA 4321 and STA 2014 or STA 2023
STA 4603 3.0 Operations Research
Prereqs: MAS 3105 and MHF 3202
MHF 3202 3.0 G(M)Foundatn Of Math
Prereq: MAC 2312
MAA 4211 4.0 G(M) Adv Calculus I
Prereq: MAC 2312
MAC 2313, MAS 3105 and MHF 3202
MAA 4212 3.0 G(M) Adv Calculus II
Prereq: MAA 4211

** a grade of “C” or higher is required in major courses.

Required Capstone Experience (02 SEMESTER HOURS)
STA 4945 2.0 Statistics Capstone
Prereq: senior standing and permission of the dept

Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
Minors require 15 hours. Refer to catalog for approved list.

Free Electives (3000 - 4000 LEVEL) (01 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and gordon rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

College of Arts and Sciences 109
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

**THE BACHELOR OF SCIENCE PROGRAM**

**Major:** Mathematics  
**Track:** Mathematics - BS Degree  
**Degree:** Bachelor of Science

**Prerequisites**  
(23 SEMESTER HOURS)

Requires grades of “C” or above.

- MAC 2311: 4.0 G(M) Calculus I
- MAC 2312: 4.0 G(M) Calculus II
- MAC 2313: 4.0 G(M) Calculus III

Department recommends a computer programming language course in Pascal, Fortran, C, C++, C++

COP

Two laboratory-based science courses designed for science majors

BSC CHM PHY

**Major Requirements**  
(21 SEMESTER HOURS)

- MAP 2302: 3.0 G(M)Ord Diff Equatns  
  Prereq: MAC 2312
- MHF 3202: 3.0 Foundations Of Math  
  Prereq: MAC 2312
- MAS 3105: 4.0 G(M)Linear Algebra  
  Prereq: MAC 2312
- MAA 4211: 4.0 G(M) Adv Calculus I  
  Prereqs: MAC 2313, MAS 3105 and MHF 3202
- MAA 4212: 3.0 G(M) Adv Calculus II  
  Prereq: MAA 4211
- MAS 4301: 4.0 G(M)Abstract Algebra  
  Prereqs: MAS 3105 and MHF 3202

The math department recommends that Adv Calc II & Abstract Algebra be taken together in the senior year. At least two math electives are recommened prior to taking MAA 4211.

**Required Contextual(s)**  
(04 SEMESTER HOURS)

- STA 4321: 4.0 G(M)Prob & Statistcs  
  Prereq: MAC 2312

Grade of “C” or higher required in all major courses.

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

Select 4 courses from the following approved list

- MAD 3107: 3.0 G(M)Discrete Math  
  Prereq: MAC 2312
- MAS 3203: 3.0 G(M)Number Theory  
  Prereq: MAC 2312
- MAA 4402: 3.0 G(M) Complex Anal.  
  Prereq: MAC 2313
- MAS 4156: 3.0 Vector Analysis  
  Prereq: MAC 2313
- MTG 3212: 3.0 G(M)Modern Geometry  
  Prereq: MHF 3202
- MAP 4341: 3.0 Elem. Part. Diff/Eq.  
  Prereqs: MAP 2302 and MAC 2313
- MAD 4401: 3.0 G(M)Numerical Analys  
  Prereqs: MAC 2313, MAP 2302 and MAS 3105
- MTG 4302: 3.0 G(M)Elemtry Topology  
  Prereqs: MAC 2313 and MHF 3202
- STA 4445: 3.0 G(M)Probability Models  
  Prereqs: STA 4321 and MAS 3105
- STA 4603: 3.0 Operations Research  
  Prereqs: MAS 3105 and STA 4321
- MHF 3404: 3.0 G(M) Histy Mathmtic  
  Prereq: MAC 2312
- MAA 4402: 3.0 G(M) Complex Anal.  
  Prereq: MAC 2313
- MAS 4156: 3.0 Vector Analysis  
  Prereq: MAC 2313
- MTG 3212: 3.0 G(M)Modern Geometry  
  Prereq: MHF 3202
- MAP 4341: 3.0 Elem. Part. Diff/Eq.  
  Prereqs: MAP 2302 and MAC 2313
- MAD 4401: 3.0 G(M)Numerical Analys  
  Prereqs: MAC 2313, MAP 2302 and MAS 3105
- STA 4445: 3.0 G(M)Probability Models  
  Prereqs: STA 4321 and MAS 3105
- STA 4603: 3.0 Operations Research  
  Prereqs: MAS 3105 and STA 4321
- MAS 4932: 2.0 Math Capstone  
  Prereq: senior standing and permission of the dept

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

Minor courses may be only from the approved minors list for B.S. Students. The hours vary depending on the minor selected. See catalog for list.

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

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
- A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and gordon rule courses require grades of “C” or higher.
- Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
- Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
- Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
- All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
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* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
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* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
Major: Statistics  
Track: Statistics - BS Degree  
Degree: Bachelor of Science

Prerequisites  
(15 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td>MAC 2311</td>
<td>4.0</td>
<td>G(M) Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>4.0</td>
<td>G(M) Calculus II</td>
</tr>
</tbody>
</table>

One Computer Course
The department recommends a computer programming language course in Pascal, Fortran, C, C+, or C++
COP

One laboratory-based science course for science majors
BSC CHM PHY

Major Requirements  
(22 SEMESTER HOURS)

<table>
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<th>Course</th>
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<td>MAC 2313</td>
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<td>MAS 3105</td>
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<td>G(M) Linear Algebra</td>
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<td>Prereq:</td>
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<tr>
<td>STA 4321</td>
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<td>G(M) Prob &amp; Statistics</td>
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<tr>
<td>Prereq:</td>
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<tr>
<td>STA 3163</td>
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<td>G(M) Stat Methods I</td>
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<td>Prereq:</td>
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<tr>
<td>STA 3164</td>
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<td>G(M) Stat Methods II</td>
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<td>MAC 2313</td>
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<td>STA 4321</td>
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Major Electives  
(3000 - 4000 LEVEL)  
(15 SEMESTER HOURS)

Select 5 courses from the following approved list

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<tr>
<th>Course</th>
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<td>STA 4202</td>
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<td>STA 4222</td>
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<tr>
<td>STA 4664</td>
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<td>Stat1 Quality Cntrl</td>
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<tr>
<td>STA 4445</td>
<td>3.0</td>
<td>G(M) Probability Models</td>
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<td>Prereqs:</td>
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<td>STA 4502</td>
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<td>Non-Prmct Meth:Stats</td>
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<td>Prereqs:</td>
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<td>STA 4603</td>
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<td>Operations Research</td>
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<td>Prereqs:</td>
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<td>MHF 3202</td>
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<td>MAA 4212</td>
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</tbody>
</table>

** a grade of “C” or higher is required in major courses.

Required Capstone Experience  
(02 SEMESTER HOURS)

STA 4945 2.0 Statistics Capstone  
Prereq: senior standing and permission of the dept

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

Minor must be chosen from approved list for BS students.  
The hours vary depending on the minor. See catalog for list.

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
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* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Honors in Mathematics and Statistics
A student may apply for the honors program after completing at least Calculus I, Calculus II, and one other mathematics or statistics course (with credit toward the major) at the 3000-level or above. An overall GPA of at least 3.25 for courses at or above the level of Calculus I is required. Once accepted into the program, a student will work with a faculty member to select courses and to complete an honors project. Please see department chair for details.

MINORS IN MATHEMATICS AND STATISTICS

Minor: Mathematics Minor  
(11 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Notes</th>
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<tr>
<td>MAC 2311</td>
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<td>G(M) Calculus I</td>
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<td>MAC 2312</td>
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Required Courses

Select 7-8 Hours

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<td>MHF 3202</td>
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<td>MAS 3203</td>
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<td>MAD 3107</td>
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<td>MAA 4402</td>
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<td>G(M) Complex Anal.</td>
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<td>Prereq:</td>
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</table>
Minor: Statistics Minor

Prerequisites (03 SEMESTER HOURS)
All courses in the statistics minor except for STA 4322, STA 4445 and STA 4603 may be taken with STA 2014 as the only prerequisite. However, STA 3163 (which requires Calculus II as its prerequisite) is also required for most of the courses in the minor. It is recommended that students who have not taken STA 3163 consult with a faculty in the Department of Mathematics and Statistics to ensure that they have the necessary preparation for completing the statistics minor.

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

Minor Requirements (16 SEMESTER HOURS)
STA 3163 3.0 G(M)Stat Methods I
Prereq: STA 2014 or STA 2023 or STA 4321
STA 3164 3.0 G(M)Stat Methods II
Prereq: STA 3163

Select Three Courses
STA 4202 3.0 G(M)Dsgn Of Expermnt
Prereq: STA 2014 or STA 4321
STA 4222 3.0 G(M)Dsgn/Sample Sur
Prereq: STA 2014 or STA 4321
STA 4664 3.0 Statcl Quality Cntrl
Prereq: STA 2014 or STA 4321
STA 4321 4.0 G(M)Prob & Statistics
Prereq: ** MAC 2312
STA 4445 3.0 G(M)Probability Models
Prereqs: ** STA 4321 and MAS 3105
STA 4502 3.0 Non-Prmtc Meth:Stats
Prereqs: ** STA 4321 and STA 2014 or STA 2023
STA 4603 3.0 Operations Research
Prereqs: ** STA 4321 and MAS 3105
STA 4322 3.0 G(M)Statistical Theo
Prereqs: ** STA 4321 and MAC 2313

Conditions for the minor:
1. A grade of “C” or better is required for all minor courses.

Minor: Applied Statistics Minor

Prerequisites (03 SEMESTER HOURS)
STA 2014 3.0 G(M)Elem Sta-Hlth/SS

Minor Requirements (16 SEMESTER HOURS)
STA 3163 4.0 G(M)Stat Methods I
Prereqs: STA 2014 or STA 2023 or STA 4321
STA 3164 3.0 G(M)Stat Methods II
Prereq: STA 3163

Select Three Courses
STA 4202 3.0 G(M)Dsgn Of Expermnt
Prereq: STA 2014 or STA 4321
STA 4222 3.0 G(M)Dsgn/Sample Sur
Prereq: STA 2014 or STA 4321
STA 4502 3.0 Non-Prmtc Meth:Stats
Prereqs: STA 2014 or STA 2023 or STA 4321
STA 4504 3.0 G(M)Catgorcal Data
Prereq: STA 2014 or STA 4321
STA 4664 3.0 Statcl Quality Cntrl
Prereq: STA 2014 or STA 4321
STA 4906 1-3 Dir Indiv Study
STA 4930 1-3 Spec Top: Statistics

Conditions for the minor:
1. A grade of “C” or better is required for all minor courses.
2. Requests for transfer courses must be approved by the department chairperson.

Minor: Mathematics Minor For BA Statistics Majors

Minor Requirements (15 SEMESTER HOURS)
MAP 2302 3.0 G(M)Ord Diff Equatns
MAD 4401 3.0 G(M)Numerical Analys
Select 3 math electives from the mathematics major electives list MAA/MAC/MAD/MAP/MAS/MAT/MHF/MTG

Conditions for the minor:
1. Courses used for the major cannot count in the minor.
2. A grade of “C” or better is required for all courses in the minor.
### APPROVED MINORS FOR BS STUDENTS IN MATHEMATICS AND STATISTICS

BS students majoring in mathematics or statistics must select a minor from among biology, physics, computer science, statistics (for mathematics majors only), chemistry, economics, business, or mathematics (for statistics majors only).

#### Minor: Statistics Minor For BS Math Majors

**Minor Requirements (16 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 3163</td>
<td>4.0</td>
<td>G(M)Stat Methods I</td>
</tr>
<tr>
<td>STA 3164</td>
<td>3.0</td>
<td>G(M)Stat Methods II</td>
</tr>
</tbody>
</table>

Select 3 Statistics Electives (3000 - 4000 LEVEL)

Choose from approved list in catalog

STA

**Conditions for the minor:**

1. A grade of “C” or better is required for all minor courses.

#### Minor: Math Minor For BS Statistics Majors

**Minor Requirements (15 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAP 2302</td>
<td>3.0</td>
<td>G(M)Ord Diff Equatns</td>
</tr>
<tr>
<td>MAD 4401</td>
<td>3.0</td>
<td>G(M)Numerical Analysis</td>
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</table>

Select 3 From Below

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>MAA 4211</td>
<td>4.0</td>
<td>G(M) Adv Calculus I</td>
</tr>
<tr>
<td>MAA 4212</td>
<td>3.0</td>
<td>G(M) Adv Calculus II</td>
</tr>
<tr>
<td>MAD 4402</td>
<td>3.0</td>
<td>G(M) Complex Anal.</td>
</tr>
<tr>
<td>MAD 3107</td>
<td>3.0</td>
<td>G(M) Discrete Math</td>
</tr>
<tr>
<td>MAD 4401</td>
<td>3.0</td>
<td>G(M) Numerical Analyses</td>
</tr>
<tr>
<td>MAS 3203</td>
<td>3.0</td>
<td>G(M) Number Theory</td>
</tr>
<tr>
<td>MAS 4156</td>
<td>3.0</td>
<td>Vector Analysis</td>
</tr>
<tr>
<td>MAS 4301</td>
<td>4.0</td>
<td>G(M) Abstract Algebra</td>
</tr>
<tr>
<td>MHF 3202</td>
<td>3.0</td>
<td>Foundations Of Math</td>
</tr>
<tr>
<td>MHF 3404</td>
<td>3.0</td>
<td>G(M) Histy Mathmatics</td>
</tr>
<tr>
<td>MTG 3212</td>
<td>3.0</td>
<td>G(M) Modern Geometry</td>
</tr>
<tr>
<td>MTG 4302</td>
<td>3.0</td>
<td>G(M) Elemtary Topology</td>
</tr>
<tr>
<td>STA 4445</td>
<td>3.0</td>
<td>G(M) Probability Models</td>
</tr>
<tr>
<td>STA 4603</td>
<td>3.0</td>
<td>Operations Research</td>
</tr>
</tbody>
</table>

**Minor: Computer Science Minor For BS Math/Statistics**

**Minor Prerequisites (10 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2311</td>
<td>4.0</td>
<td>G(M) Calculus I</td>
</tr>
<tr>
<td>COT 3100</td>
<td>3.0</td>
<td>Comp Structures</td>
</tr>
<tr>
<td>COP 2220</td>
<td>3.0</td>
<td>Intro To C</td>
</tr>
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</table>

**Minor Requirements (14 SEMESTER HOURS)**

Required Course

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>COP 3530</td>
<td>4.0</td>
<td>Data Structures</td>
</tr>
</tbody>
</table>

Select one of the following two courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAP 4630</td>
<td>3.0</td>
<td>Intro Artfcl Intllgn</td>
</tr>
<tr>
<td>CAP 4710</td>
<td>3.0</td>
<td>Computer Graphics</td>
</tr>
<tr>
<td>CDA 4102</td>
<td>3.0</td>
<td>Intro Cmpter Archtcr</td>
</tr>
<tr>
<td>CDA 4312</td>
<td>3.0</td>
<td>Mrcpcsrs Interfng</td>
</tr>
<tr>
<td>CEN 4510</td>
<td>3.0</td>
<td>Computer Communicatns</td>
</tr>
<tr>
<td>CEN 4610</td>
<td>3.0</td>
<td>Knowledge Engineering</td>
</tr>
<tr>
<td>CIS 4251</td>
<td>3.0</td>
<td>Software Development</td>
</tr>
<tr>
<td>COP 4300</td>
<td>3.0</td>
<td>Discrete Sys Mod/Sim</td>
</tr>
<tr>
<td>COP 4534</td>
<td>4.0</td>
<td>Adv Data Structures</td>
</tr>
<tr>
<td>COP 4610</td>
<td>3.0</td>
<td>Operating Systems</td>
</tr>
<tr>
<td>COP 4620</td>
<td>4.0</td>
<td>Const Lang Translttr</td>
</tr>
<tr>
<td>COP 4710</td>
<td>3.0</td>
<td>Data Modeling</td>
</tr>
<tr>
<td>COT 4400</td>
<td>3.0</td>
<td>Analysis Algorithms</td>
</tr>
</tbody>
</table>

**Conditions for the minor:**

1. A grade of “C” is required for all minor courses.

#### Minor: Business Admin Minor For BS Math/Statistics

**Minor Prerequisites (13 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013</td>
<td>3.0</td>
<td>Princ Macroeconomics</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>3.0</td>
<td>Princ Microeconomics</td>
</tr>
<tr>
<td>ACG 2021</td>
<td>3.0</td>
<td>Prin Financial Acc</td>
</tr>
<tr>
<td>CGS 1100</td>
<td>3.0</td>
<td>Cmpter App For Bus</td>
</tr>
<tr>
<td>STA 2023</td>
<td>3.0</td>
<td>G(M) Elem Stats-Bus</td>
</tr>
</tbody>
</table>

**Minor Requirements (15 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 3403</td>
<td>3.0</td>
<td>Financial Management</td>
</tr>
<tr>
<td>MAN 3025</td>
<td>3.0</td>
<td>Adminis Management</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>3.0</td>
<td>Prin Of Marketing</td>
</tr>
<tr>
<td>BUL 3130</td>
<td>3.0</td>
<td>Legal Environ Of Bus</td>
</tr>
<tr>
<td>TRA 3222</td>
<td>3.0</td>
<td>Prod-Oper-Logist Man</td>
</tr>
</tbody>
</table>

**Conditions for the minor:**

1. A grade of “C” is required for all minor courses.
2. At least 12 semester hours of upper-level course work must be completed at UNF.
3. Students wishing to minor in business administration must adhere to the College’s continuous enrollment policy stated in the UNF catalog.
4. The College of Business Administration requires students to repeat courses which are five years or older.

#### Minor: Economics Minor For BS Math/Statistics

**Minor Prerequisites (06 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2013</td>
<td>3.0</td>
<td>Princ Macroeconomics</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>3.0</td>
<td>Princ Microeconomics</td>
</tr>
</tbody>
</table>

**Minor Requirements (12 SEMESTER HOURS)**

<table>
<thead>
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<th>Credits</th>
<th>Course Name</th>
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<tr>
<td>ECO 3101</td>
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<td>Inter Microeconomics</td>
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<tr>
<td>ECO 3203</td>
<td>3.0</td>
<td>Inter Macroeconomics</td>
</tr>
<tr>
<td>ECO 4223</td>
<td>3.0</td>
<td>Monetary Economics</td>
</tr>
<tr>
<td>ECO 4504</td>
<td>3.0</td>
<td>Public Finance</td>
</tr>
</tbody>
</table>

**Conditions for the minor:**

1. A grade of “C” or better is required in all courses for the minor in economics, including prerequisites.
2. At least 6 hours of upper-level course work in economics must be completed at UNF.
3. No lower-level courses may be used for required courses in economics without written approval of the department chairperson in economics.
4. The College of Business Administration requires students to repeat courses which are five years or older.

#### Minor: Biology Minor For BS Math/Statistics

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

See UNF catalog for specific prerequisites for biology courses.

BCH BOT BSC MCB OCB OCE PCB ZOO

**Conditions for the minor:**

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average of 2.5 is required.
3. All 15 semester hours must be upper-level course work.
**Minor: Chemistry Minor For BS Math/Statistics**

**Minor Requirements (21 SEMESTER HOURS)**

- CHM 2045 C 4.0 Gen Chemistry I
- CHM 2046 C 4.0 Gen Chemistry II
- CHM 3120 C 4.0 Quant Analytical Chem

Select Nine Hours (Or More)

- BCH 4033 3.0 Biochemistry
- BCH 4033 L 1.0 Biochemistry Lab
- CHM 3610 C 4.0 Inorganic Chemistry
- CHM 4130 C 5.0 Mod Analytical Chem
- CHM 4260 C 4.0 Adv Organic Chem
- CHM 4410 C 4.0 Physical Chemistry I
- CHM 4910 2-4 Chemical Research
- CHM 4931 1.0 Chemistry Sr Seminar
- CHS 4445 3.0 Environmental Chem
- CHS 4445 L 1.0 Envir Chemistry Lab

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

**Minor: Physics Minor For BS Math/Statistics Major**

**Minor Requirements (21 SEMESTER HOURS)**

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

Select Three Courses

- PHY 3220 4.0 Classical Mechanics
- PHY 3323 4.0 Electricity/Magnetism
- PHY 3424 3.0 Optics
- PHY 3722 3.0 Electron For Scien
- PHY 3722 L 1.0 Elect For Scien Lab
- PHY 4523 3.0 Thermo And Stat Mech
- PHY 4905 2-4 DIS - Physics
- PHY 4604 4.0 Quantum Mechanics
- PHY 4930 1-4 Spec Top:Physics
- PHZ 3404 3.0 Solid State Physics
- PHZ 3113 3.0 Mathematical Physics
- PHZ 4303 3.0 Nuclear Physics

* PHY 3722/3722L must be taken concurrently.

**Conditions for the minor:**
1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average of 2.5 is required.
Students interested in the B.A. in Music (Classical Studies) should consult an advisor in the College of Arts and Sciences. Music majors seeking the B.A. degree are required to take the following core:

**Major: Music**  
**Track: Music**  
**Degree: Bachelor of Arts**

Grades of C or higher are required in all music courses. Music majors must take ensemble, applied music and performance Lab together during the terms enrolled for these courses.

### Prerequisites  
**28 SEMESTER HOURS**  
Requires grades of “C” or above.

**Theory**
- MUT 1111 3.0 Theory I
- MUT 1241 1.0 Theory I, Aural
- MUT 1112 3.0 Theory II
- MUT 1242 1.0 Theory II, Aural
- MUT 2116 3.0 Theory III
- MUT 2246 1.0 Aural Theory Adv
- MUT 2117 3.0 Theory IV
- MUT 2247 1.0 Aural Theory Adv

Theory: MUT 1121/2 & MUT 2126/7 may be substituted for MUT 1111/2 & MUT 2116/7.

Aural: MUT 1221/2 & MUT 2226/7 or MUT 1261/2 & MUT 2266/7 or MUT 1271/2 & MUT 2276/7 may be substituted for MUT 1241/2 & MUT 2246/7.

#### Applied
- 2 Applied 1x1x (1000 LEVEL)  
  MUO MVB MVK MVP MVW MVJ MVV MVS
- 2 Applied 2x2x (2000 LEVEL)  
  MUO MVK MVP MVW MVV MVS

#### Ensembles
- MUN

#### Performance Labs
- MUS 1010 Performance Lab
- MUS 1010 Performance Lab
- MUS 1010 Performance Lab
- MUS 1010 Performance Lab

#### Foundation  
**04 SEMESTER HOURS**  
**Class Piano**

Students must demonstrate piano proficiency or take the piano sequence listed below.

- MVK 1111 1.0 Class Piano I
- MVK 1112 1.0 Class Piano II
- MVK 2121 1.0 Class Piano III
- MVK 2122 1.0 Class Piano IV

**Note:** piano majors will take the following instead of class piano
- MUL 4400 2.0 Piano Literature I
- MUL 4401 2.0 Piano Literature II

**Minor:** MVK 1111r(2x) & MVK 2121r(2x), MVK 1211 & MVK 2221 may be substituted for MVK 1111/2 & MVK 2121/2.

### Foreign Lang/Foreign Cultures  
**08 SEMESTER HOURS**  
Requires grades of “C” or above.

Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule of courses.

#### Select 1 Sequence  
**25 SEMESTER HOURS**

**SPN 1120** 4.0 Beginning Spanish I  
**SPN 1121** 4.0 Beginning Spanish II  
**FRE 1120** 4.0 Beginning French I  
**FRE 1121** 4.0 Beginning French II  
**FOL 2930** 4.0 Beging Forni Lang I  
**FOL 2931** 4.0 Beging Forni Lang II  
**SPA 4620** 3.0 American Sign Lang I  
**EEX 4930 AF** 1.0 ASL Lab I  
**SPA 4623** 3.0 Ameri Sign Lang II  
**EEX 4930 AE** 1.0 ASL Lab II

**Or**

**3000 - 4000 LEVEL**

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

### Major Requirements  
**25 SEMESTER HOURS**

**Select Minor  
3000 - 4000 LEVEL  
15 SEMESTER HOURS**

All minors require 15 hours. Refer to catalog for list. Majors may not take music history minor.

### Free Electives  
**06 SEMESTER HOURS**

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

* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

**BAE with a Concentration in Music**

The curriculum in music education is offered jointly by the Department of Music and the Department of Curriculum and Instruction for the preparation of teachers of general classroom, instrumental, and choral music. Voice and instrumental majors must pass a piano proficiency examination before enrolling for student teaching. Graduates of the program receive the bachelor of arts in education degree and are eligible for the Florida Rank III Certificate, valid for teaching music grades K-12.

Students interested in music education should consult with an advisor in the College of Education and Human Services.

**Major: Music**

**Track: Music: Classical Piano**

**Degree: Bachelor Of Music**

Grades of C or higher are required in all music courses. Music majors must take ensemble, applied music and performance lab together during the terms enrolled for these courses.

**Prerequisites**

**(28 SEMESTER HOURS)**

Requires grades of “C” or above.

**Theory**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUT 1111</td>
<td>3.0</td>
<td>Theory I</td>
</tr>
<tr>
<td>MUT 1241</td>
<td>1.0</td>
<td>Theory I, Aural</td>
</tr>
<tr>
<td>MUT 1112</td>
<td>3.0</td>
<td>Theory II</td>
</tr>
<tr>
<td>MUT 1242</td>
<td>1.0</td>
<td>Theory II, Aural</td>
</tr>
<tr>
<td>MUT 2116</td>
<td>3.0</td>
<td>Theory III</td>
</tr>
<tr>
<td>MUT 2246</td>
<td>1.0</td>
<td>Aural Theory Adv</td>
</tr>
<tr>
<td>MUT 2117</td>
<td>3.0</td>
<td>Theory IV</td>
</tr>
<tr>
<td>MUT 2247</td>
<td>1.0</td>
<td>Aural Theory Adv</td>
</tr>
</tbody>
</table>

Theory: MUT 1121/2 & MUT 2126/7 may be substituted for MUT 1111/2 & MUT 2116/7.

Aural: MUT 1221/2 & MUT 2226/7 or MUT 1241/2 & MUT 2246/7 or MUT 1271/2 & MUT 2276/7 may be substituted for MUT 1241/2 & MUT 2246/7.

**4 Applied Piano**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVK 1311</td>
<td>2.0</td>
<td>Applied Piano</td>
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**4 Ensembles**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUN 2310</td>
<td>1.0</td>
<td>UNF Concert Choir</td>
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</table>

**4 Performance Labs**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>MUS 1010</td>
<td>Performance Lab</td>
<td></td>
</tr>
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</table>

**Foundation**

**(04 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUL 4400</td>
<td>2.0</td>
<td>Piano Literature I</td>
</tr>
<tr>
<td>MUL 4401</td>
<td>2.0</td>
<td>Piano Literature II</td>
</tr>
</tbody>
</table>

MVK 1111r(2x) & MVK 2121r(2x), MVK 1211 & MVK 2221 may be substituted for MVK 1111/2 & MVK 2121/2.

**Major Requirements**

**(30 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUH 2501</td>
<td>3.0</td>
<td>World Music</td>
</tr>
<tr>
<td>MUS 3340</td>
<td>2.0</td>
<td>Computer Midi Score</td>
</tr>
<tr>
<td>MUG 3104</td>
<td>2.0</td>
<td>Basic Conducting</td>
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<tr>
<td>MUH 3211</td>
<td>3.0</td>
<td>Music History I</td>
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<td>MUH 3212</td>
<td>3.0</td>
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<tr>
<td>MUS 1010</td>
<td>Performance Lab</td>
<td></td>
</tr>
<tr>
<td>MUS 1010</td>
<td>Performance Lab</td>
<td></td>
</tr>
</tbody>
</table>

Senior recital required prior to graduation

**4 Applied Piano**

**(3000 - 4000 LEVEL)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MVK 3331</td>
<td>2.0</td>
<td>Applied Piano</td>
</tr>
<tr>
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**4 Ensembles**

<table>
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<tr>
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<tr>
<td>MUN 3453</td>
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**4 Performance Labs**

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**Major Electives**

**(22 SEMESTER HOURS)**

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<td>MUN 2510</td>
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<td>Piano Accompanying</td>
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Senior recital required prior to graduation

**MVK 1111r(2x) & MVK 2121r(2x), MVK 1211 & MVK 2221 may be substituted for MVK 1111/2 & MVK 2121/2.**
MUN 3453  1.0  Piano Ensemble
   Prereq: consent of instructor
MUN 3453  1.0  Piano Ensemble
   Prereq: consent of instructor

Other music electives  (3000 - 4000 level)
14 additional hours

MUH MUL MUN MUO MUT MVJ MVK MVP MVS MVV MVW MUE

Free Electives (3000 - 4000 LEVEL)  (04 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper hours and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and gordon rule courses require grades of "C" or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Music
Track: Music: Classical Voice
Degree: Bachelor Of Music

Grades of C or higher are required in all music courses.
Music majors must take ensemble, applied music and performance lab together during the terms enrolled for these courses.

Prerequisites  (28 SEMESTER HOURS)
Requires grades of "C" or above.

 Theory
  MUT 1111  3.0  Theory I
  MUT 1241  1.0  Theory I, Aural
  MUT 1112  3.0  Theory II
  MUT 1242  1.0  Theory II, Aural
  MUT 2116  3.0  Theory III
  MUT 2246  1.0  Aural Theory Adv
  MUT 2117  3.0  Theory IV
  MUT 2247  1.0  Aural Theory Adv

Theory: MUT 1121/2 & MUT 2126/7 may be substituted for MUT 1111/2 & MUT 2116/7.
Aural: MUT 1221/2 & MUT 2226/7 or MUT 1261/2 & MUT 2266/7 or MUT 1271/2 & MUT 2276/7 may be substituted for MUT 1241/2 & MUT 2246/7.

4 Applied Voice
   MVV 1311  2.0  Applied Voice
   MVV 1311  2.0  Applied Voice
   MVV 2321  2.0  Applied Voice
   MVV 2321  2.0  Applied Voice

4 Ensembles
   MUN 2310  1.0  UNF Concert Choir
   MUN 2310  1.0  UNF Concert Choir
   MUN 2310  1.0  UNF Concert Choir
   MUN 2310  1.0  UNF Concert Choir

4 Performance Labs
   MUS 1010  Performance Lab
   MUS 1010  Performance Lab
   MUS 1010  Performance Lab
   MUS 1010  Performance Lab

Foundation  (04 SEMESTER HOURS)

4 Class Piano
Students must demonstrate piano proficiency or take the class piano sequence listed below.

   MVK 1111  1.0  Class Piano I
   MVK 1112  1.0  Class Piano II
   MVK 2121  1.0  Class Piano III
   MVK 2122  1.0  Class Piano IV

MVK 1111r(2x) & MVK 2121r(2x), MVK 1211 & MVK 2221 may be substituted for MVK 1111/2 & MVK 2121/2.

Major Requirements  (30 SEMESTER HOURS)

4 Applied Voice  (3000 - 4000 LEVEL)
   MVV 3331  2.0  Applied Voice
   MVV 3331  2.0  Applied Voice
   MVV 4341  2.0  Applied Voice
   MVV 4341  2.0  Applied Voice

4 Ensembles
   MUN 3313  1.0  UNF Concert Choir
   MUN 3313  1.0  UNF Concert Choir
   MUN 3313  1.0  UNF Concert Choir
   MUN 3313  1.0  UNF Concert Choir

4 Performance Labs
   MUS 1010  Performance Lab
   MUS 1010  Performance Lab
   MUS 1010  Performance Lab
   MUS 1010  Performance Lab
Major Electives (22 SEMESTER HOURS)

German, French, and Italian language courses are recommended prior to taking diction courses.

** majors should include the following as electives:

All diction, pedagogy and workshop courses require the consent of the instructor.

- MUS 2221 1.0 French Diction
- MUS 2231 1.0 German Diction
- MUS 2241 1.0 Italian Diction
- MVV 4640 2.0 Vocal Pedagogy
- MUO 3503 1.0 Opera Workshop
- MUO 3503 1.0 Opera Workshop
- MUL 4602 2.0 Vocal Literature

Other music electives (3000 - 4000 level)
- MUL MUN MUN MUN MUS MVV MVV MVV MVV MVV
- MUL MUN MUN MUN MUS MVV MVV MVV MVV MVV

Free Electives (3000 - 4000 LEVEL) (04 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper hours and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Music Jazz Studies
Track: Jazz Studies
Degree: Bachelor of Music

A grade of “C” or higher is required in all music courses. Music majors must take ensemble, applied music and performance lab together during the terms enrolled for these courses.

Prerequisites (28 SEMESTER HOURS)

Requires grades of “C” or above.

- MUT 1111 3.0 Theory I
- MUT 1241 1.0 Theory I, Aural
- MUT 1112 3.0 Theory II

Theory: MUT 1111/2 & MUT 2126/7 may be substituted for MUT 1111/2 & MUT 2116/7.
Aural: MUT 1221/2 & MUT 2226/7 or MUT 1261/2 & MUT 2266/7 or MUT 1271/2 & MUT 2276/7 may be substituted for MUT 1241/2 & MUT 2246/7.

Select four applied musics (specific to the major instrument)
- 2 must be 1000 level & 2 must be 2000 level

Select 4 Mun Courses
- MUN 2710 1.0 Jazz Ensemble-Low Lv
- MUN 2710 1.0 Jazz Ensemble-Low Lv
- MUN 2710 1.0 Jazz Ensemble-Low Lv
- MUN 2710 1.0 Jazz Ensemble-Low Lv

Or Any 4 Mun Courses
- MUN

4 Performance Labs
- MUS 1010 Performance Lab
- MUS 1010 Performance Lab
- MUS 1010 Performance Lab
- MUS 1010 Performance Lab

Foundation (04 SEMESTER HOURS)

Class Piano
Students must demonstrate piano proficiency or take the class piano sequence listed below.

- MVK 1111 1.0 Class Piano I
- MVK 1112 1.0 Class Piano II
- MVK 2121 1.0 Class Piano III
- MVK 2122 1.0 Class Piano IV

MVK 1111r(2x) & MVK 2121r(2x), MVK 1211 & MVK 2221 may be substituted for MVK 1111/2 & MVK 2121/2.

Core Requirements (18 SEMESTER HOURS)

Senior recital required prior to graduation

- MUH 3211 3.0 Music History I
  Prereqs: Theory I-IV
- MUH 3212 3.0 Music History II
  Prereqs: Theory I-IV

4 Applied Musics (3000 - 4000 LEVEL)
- MUN 3713 1.0 Jazz Ensemble
- MUN 3713 1.0 Jazz Ensemble

2 Jazz Ensembles (3000 - 4000 LEVEL)
- MUN 3713 1.0 Jazz Ensemble
- MUN 3713 1.0 Jazz Ensemble
Students must pass or meet exemption criteria for all sections of the charges. Exceptions include courses approved to repeat academic credit in which passing grades were earned, will be assessed excess hour sur-

Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).

* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

MINORS IN THE DEPARTMENT OF MUSIC

Minor: Music History Minor

5 Music History Electives

Minor Requirements (15 SEMESTER HOURS)

Conditions for the minor:
1. A minimum of 50% of the courses required for the minor must be taken at UNF.
2. Courses with lower-level numbers may be used in the minor, but a minimum of 9 semester hours of upper-level courses is required for the music minor.
3. A grade of “C” or better is required for all minor courses.
4. Not available to music majors.

Major Electives (3000 - 4000 LEVEL) (10 SEMESTER HOURS)
Select 10 Hrs Music Elective

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper hours and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.

* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.

* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

* Students who started at a state university prior to earning 60 semester hours.
UNF offers a B.A. in philosophy. Students study the main developments and traditions in the history of philosophy; develop critical reasoning skills and facility with logical analysis; study modes of normative analysis in ethical inquiry and gain an ability to apply them to current social issues; learn to read complex prose systematically and critically, and learn to write and to speak in a reasoned, persuasive, and argumentatively effective manner. The program provides a faculty mentor to guide each and every philosophy major.

Areas of faculty expertise are American philosophy, ancient Greek philosophy, Asian and comparative philosophy, classical German philosophy, contemporary European philosophy, environmental philosophy, epistemology, ethics, applied ethics, feminist theory, logic, metaphysics, philosophy of language, philosophy of religion, philosophy of science; social, political and legal philosophy.

Introductory courses (“Contemporary Ethical Issues,” “Introduction to Philosophy,” and “Reasoning and Critical Thinking”) partially meet UNF General Education requirements and Gordon Rule writing requirements, and serve as a foundation for more advanced and specialized courses.

**Required courses in philosophy are offered at least every third regular semester.**

Further information on course offerings and other aspects of the program can be obtained by consulting the Department’s website at www.unf.edu/coas/philosophy.

## Major: Philosophy

To assist philosophy majors both in focusing their programs of study and in better relating their studies to career objectives, the department permits students to group their elective courses around six programs of emphasis or “tracks,” which are reflected on a student’s transcript and diploma. Except for Track 1 “General Philosophical Studies,” all tracks represent a specific subfield of philosophy. Students are under no obligation to select a particular track; those who make no selection will automatically be assigned to Track 1. Students in any track must still complete all courses required for the major. Students in Track 1 are free to select their 15 elective hours from any courses offered by the program; those in the other tracks must take at least 12 of their 15 elective hours in a particular track, and may take an additional 3-hour elective in any other area.

### Major: Philosophy

#### Track: General Philosophical Studies

**Degree: Bachelor Of Arts**

Students are encouraged to take several philosophy courses with the PHH, PHI, PHM, or PHP prefix.

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

Requires grades of “C” or above.

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

### Major Requirements *(15 SEMESTER HOURS)*

**Required Courses**

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**Select One Seminar**

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<th>Course</th>
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<tbody>
<tr>
<td>PHI 4935</td>
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</tr>
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</table>

### Select 1 Sequence

- **SPN 1120** 4.0 Beginning Spanish I
- **SPN 1121** 4.0 Beginning Spanish II
- **FRE 1120** 4.0 Beginning French I
- **FRE 1121** 4.0 Beginning French II
- **FOL 2930** 4.0 Beginning Foreign Lang I
- **FOL 2931** 4.0 Beginning Foreign Lang II
- **SPA 4620** 3.0 American Sign Lang I
- **EEX 4930 AF** 1.0 ASL Lab I
- **SPA 4623** 3.0 American Sign Lang II
- **EEX 4930 AE** 1.0 ASL Lab II

* Or *(3000 - 4000 LEVEL)*

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

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

Students in the general philosophical studies track are free to select major electives from any philosophy courses offered by the program. A minimum of 6 hours must be taken at the 4000 level.

**Select 5 Courses**

<table>
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<tbody>
<tr>
<td>PHHI PHI PHM PHP</td>
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</table>

No more than 15 hrs of transfer credit may be used. Only 3 hours of PHI 4905 may be used in the major. Grades of “C” or higher required in courses used toward the major. PHI 3120 “The Greek Experience,” PHI 3071 “The Japanese Mind” and PHI 3930 “Germany Today” or other foreign culture courses may not be used as electives in the philosophy major.

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

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

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
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Major: Philosophy
Track: Philosophy Advanced Studies
Degree: Bachelor Of Arts

The Advanced Studies track was conceived especially for students planning graduate training in philosophy.

Students are encouraged to take several philosophy courses with the PHH/PHI/PHM/PHP prefix as preparation for the major.

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

Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

Select 1 Sequence

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Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses throughout the on-line schedule booklet. May not include cultural diversity courses unless CD/FC in the course title.

Major Requirements  (15 SEMESTER HOURS)
Required Courses

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Select One Logic From Either

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Or Another Logic Course  (3000 - 4000 LEVEL)

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<th>Credits</th>
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<tbody>
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Select One Seminar

<table>
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<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 4935</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Major Electives  (3000 - 4000 LEVEL)  (15 SEMESTER HOURS)
Select at least 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except foreign culture.

No more than 15 hrs of transfer credit may be used. Only 3 hours of PHI 4905 may be used in the major. Grades of “C” or higher required in courses used toward the major. PHI 3120 “The Greek Experience”, PHI 3071 “The Japanese Mind” and PHI 3930 “Germany Today” or other foreign culture courses may not be used as electives in the philosophy major.

Required Minor (3000 - 4000 LEVEL)  (15 SEMESTER HOURS)
All minors require 15 hours. Refer to catalog for list.

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
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Major: Philosophy
Track: Studies In Applied Ethics
Degree: Bachelor Of Arts

The Applied Ethics track is for preprofessional students who wish to develop a comparative understanding of value issues across professions or are planning graduate work in theoretical or applied ethics.

Students are encouraged to take several philosophy courses with the PHH/PHI/PHM/PHP prefix as preparation for the major.

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

Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

College of Arts and Sciences 121
## Select 1 Sequence

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<thead>
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Or (3000 - 4000 LEVEL)

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

## Major Requirements (15 SEMESTER HOURS)

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHH 3100</td>
<td>Ancient Philosophy</td>
<td>3.0</td>
</tr>
<tr>
<td>PHH 3400</td>
<td>Modern Philosophy</td>
<td>3.0</td>
</tr>
<tr>
<td>PHI 3601</td>
<td>Ethics</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Select One Logic From Either

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 3130</td>
<td>G(M) Symbolic Logic</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Or Another Logic Course (3000 - 4000 LEVEL)

**Select One Seminar**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 4935</td>
<td>Philosophy Seminar</td>
<td>3-4</td>
</tr>
</tbody>
</table>

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

Select 5 Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHI 3640</td>
<td>Environmental Ethics</td>
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<tr>
<td>PHI 3641</td>
<td>Business Ethics</td>
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</tr>
<tr>
<td>PHI 3930</td>
<td>Spec Top: Philosophy</td>
<td>1-4</td>
</tr>
<tr>
<td>PHM 3100</td>
<td>Social Philosophy</td>
<td>3.0</td>
</tr>
<tr>
<td>PHM 3300</td>
<td>Political Philosophy</td>
<td>3.0</td>
</tr>
<tr>
<td>PHM 3400</td>
<td>Philosophy Of Law</td>
<td>3.0</td>
</tr>
</tbody>
</table>

No more than 15 hrs of transfer credit may be used. Only 3 hours of PHI 4905 may be used in the major. Grades of “C” or higher required in courses used toward the major. PHI 3120 “The Greek Experience,” PHI 3071 “The Japanese Mind” and PHI 3930 “Germany Today” or other foreign culture courses may not be used as electives in the philosophy major.

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

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

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

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
- A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
- Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
- Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
- Students who start at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
- All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
- An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

## Major: Philosophy

### Track: Historical And Comparative Studies

### Degree: Bachelor Of Arts

The Historical and Comparative Studies track is for students interested in exploring the range and diversity of philosophical themes as developed over time and across cultures.

Students are encouraged to take several philosophy courses with the PHH, PHI, PHM, or PHP prefix as preparation for the major.

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

Requires grades of “C” or above.

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

Select 1 Sequence

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
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</tr>
<tr>
<td>SPN 1121</td>
<td>Beginning Spanish II</td>
<td>4.0</td>
</tr>
<tr>
<td>FRE 1120</td>
<td>Beginning French I</td>
<td>4.0</td>
</tr>
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<td>FRE 1121</td>
<td>Beginning French II</td>
<td>4.0</td>
</tr>
<tr>
<td>FOL 2930</td>
<td>Beginning Foreign I</td>
<td>4.0</td>
</tr>
<tr>
<td>FOL 2931</td>
<td>Beginning Foreign II</td>
<td>4.0</td>
</tr>
<tr>
<td>SPA 4620</td>
<td>American Sign Lang I</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4930 AF</td>
<td>ASL Lab I</td>
<td>1.0</td>
</tr>
<tr>
<td>SPA 4623</td>
<td>American Sign Lang II</td>
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<td>EEX 4930 AE</td>
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<td>1.0</td>
</tr>
</tbody>
</table>

Or (3000 - 4000 LEVEL)

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

## Major Requirements (15 SEMESTER HOURS)

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PHH 3100</td>
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<tr>
<td>PHH 3400</td>
<td>Modern Philosophy</td>
<td>3.0</td>
</tr>
<tr>
<td>PHI 3601</td>
<td>Ethics</td>
<td>3.0</td>
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Select One Logic From Either

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<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PHI 3130</td>
<td>G(M) Symbolic Logic</td>
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</tbody>
</table>

Or Another Logic Course (3000 - 4000 LEVEL)

**Select One Seminar**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHI 4935</td>
<td>Philosophy Seminar</td>
<td>3-4</td>
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## Major Electives (15 SEMESTER HOURS)

Select 5 Courses

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHI 3930</td>
<td>Spec Top: Philosophy</td>
<td>1-4</td>
</tr>
<tr>
<td>PHI 3931</td>
<td>East/West:Select Top</td>
<td>3.0</td>
</tr>
</tbody>
</table>
Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
All minors require 15 hours. Refer to catalog for list.

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
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* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

Major: Philosophy
Track: Literary & Cultural Studies
Degree: Bachelor Of Arts

The Literary and Cultural Studies Track is available for artists, writers, and performers interested in the theoretical foundations for their work; for prospective teachers of literature and the arts; and for students planning graduate work in literary theory or cultural studies.

Students are encouraged to take several philosophy courses with PHH/PHI/PHM/PHP prefixes as preparation for the major.

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

Select 1 Sequence
SPN 1120 4.0 Beginning Spanish I

No more than 15 hrs of transfer credit may be used. Only 3 hours of PHI 4905 may be used in the major. Grades of “C” or higher required in courses used toward the major. PHI 3120 “The Greek Experience,” PHI 3071 “The Japanese Mind” and PHI 3930 “Germany Today” or other foreign culture courses may not be used as electives in the philosophy major.

Major Requirements (15 SEMESTER HOURS)

Required Courses
PHH 3100 3.0 Ancient Philosophy
PHH 3400 3.0 Modern Philosophy
PHI 3601 3.0 Ethics

Select One Logic From Either
PHI 3130 3.0 G(M) Symbolic Logic

Or Another Logic Course (3000 - 4000 LEVEL)

PHI 4935 3-4 Philosophy Seminar

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

Select at least 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except the foreign culture courses.

Select 5 Courses
PHI 3643 3.0 Ethics & Literature
PHI 3700 3.0 Philisphy Of Religion
PHI 3800 3.0 Aesthetics
PHI 3880 3.0 Philosophy Of Film
PHI 3881 3.0 Philosophy Of Music
PHI 3930 1-4 Spec Top: Philosophy
PHI 3931 3.0 East/West:Select Top
PHH 3811 3.0 Philhsphy/Zen Buddhism
PHM 3020 3.0 Phil Of Love And Sex
PHP 3786 3.0 Existentialism

Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
All minors require 15 hours. Refer to catalog for list.

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

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
Major: Philosophy
Track: Legal, Political, & Social Studies
Degree: Bachelor Of Arts

The Legal, Political and Social Studies Track is for students planning careers in public affairs, law, management, international relations, or for those planning graduate work in social or political theory.

Students are encouraged to take several philosophy courses with the PHH/PHI/PHM/PHP prefix as preparation for the major.

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

Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

Select 1 Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
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<td>SPA 4623</td>
<td>3.0</td>
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<tr>
<td>SPA 4614</td>
<td>3.0</td>
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</tbody>
</table>

Or (3000 - 4000 LEVEL)

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

Major Electives (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
Select 5 Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>PHI 3930</td>
<td>1.4</td>
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<td>PHI 4420</td>
<td>3.0</td>
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<tr>
<td>PHM 3100</td>
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<td>PHM 3300</td>
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<td>3.0</td>
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<td>PHM 3400</td>
<td>3.0</td>
</tr>
<tr>
<td>PHM 4340</td>
<td>3.0</td>
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Free Electives (3000 - 4000 LEVEL) (07 SEMESTER HOURS)

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
- A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
- Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
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- All students must apply to graduate during registration for the last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

MINORS IN DEPARTMENT OF PHILOSOPHY

The Department of Philosophy offers four minors: one in philosophy generally and three others in subfields tailored to specific interests or career objectives. All are 15 semester hours.

Minor: Philosophy Minor

Minor Requirements (15 SEMESTER HOURS)

Select One Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHI 2100</td>
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<tr>
<td>PHI 3130</td>
<td>3.0</td>
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</table>

Select Four Courses (3000 - 4000 LEVEL)

<table>
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<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PHI</td>
<td></td>
</tr>
<tr>
<td>PHH</td>
<td></td>
</tr>
<tr>
<td>PHM</td>
<td></td>
</tr>
</tbody>
</table>

Conditions for the minor

1. Of the total 15 hours for the minor, 9 must be upper level.
2. A minimum of 6 semester hours in philosophy must be taken at UNF.
3. 9 semester hours may be transferred towards the minor.
4. A grade of “C” or better is required for all minor courses.
5. Germany Today, The Japanese Mind, & The Greek Experience cannot be used as a part of the philosophy minor.

Minor: Culture and Philosophy Minor

Minor Requirements (15 SEMESTER HOURS)

Required

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
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Select Four Courses (3000 - 4000 LEVEL)

<table>
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<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PHI 3880</td>
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<td>Philosophy Of Film</td>
</tr>
<tr>
<td>PHI 3643</td>
<td>3.0</td>
<td>Ethics &amp; Literature</td>
</tr>
<tr>
<td>PHI 3700</td>
<td>3.0</td>
<td>Philosophy Of Religion</td>
</tr>
<tr>
<td>PHI 3881</td>
<td>3.0</td>
<td>Philosophy Of Music</td>
</tr>
<tr>
<td>PHI 3930</td>
<td>1-4</td>
<td>Spec Top:Philosophy</td>
</tr>
<tr>
<td>PHI 3931</td>
<td>3.0</td>
<td>East/West:Select Top</td>
</tr>
<tr>
<td>PHI 3811</td>
<td>3.0</td>
<td>Philsph/Zen Buddhism</td>
</tr>
<tr>
<td>PHI 3020</td>
<td>3.0</td>
<td>Phil Of Love And Sex</td>
</tr>
<tr>
<td>PHP 3786</td>
<td>3.0</td>
<td>Existentialism</td>
</tr>
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</table>

Conditions for the minor

1. Of the total 15 hours for the minor, 9 must be upper level.
2. A minimum of 6 semester hours in philosophy must be taken at UNF.
3. 9 semester hours may be transferred towards the minor.
4. A grade of “C” or better is required for all minor courses.
5. Germany Today, The Japanese Mind, & The Greek Experience cannot be used as a part of the philosophy minor.

Minor: Law and Philosophy Minor

Minor Requirements (15 SEMESTER HOURS)

Select One

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<tbody>
<tr>
<td>PHI 2100</td>
<td>3.0</td>
<td>G(3)Reas&amp;Crit Thinkg</td>
</tr>
<tr>
<td>PHI 3130</td>
<td>3.0</td>
<td>G(M) Symbolic Logic</td>
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</table>

Select One

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Title</th>
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<tbody>
<tr>
<td>PHI 3601</td>
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<td>Ethics</td>
</tr>
<tr>
<td>PHM 3300</td>
<td>3.0</td>
<td>Political Philosophy</td>
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Select Three Courses (3000 - 4000 LEVEL)

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<tbody>
<tr>
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<td>Ethics Of Sex &amp; Gend</td>
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<tr>
<td>PHI 3930</td>
<td>1-4</td>
<td>Spec Top:Philosophy</td>
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<td>PHM 3100</td>
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<tr>
<td>PHM 3361</td>
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<td>Philsh Of Democracy</td>
</tr>
<tr>
<td>PHM 3400</td>
<td>3.0</td>
<td>Philosophy Of Law</td>
</tr>
<tr>
<td>PHM 4340</td>
<td>3.0</td>
<td>Contmp Poli Philo</td>
</tr>
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</table>

Conditions for the minor

1. Of the total 15 hours for the minor, 9 must be upper level.
2. A minimum of 6 semester hours in philosophy must be taken at UNF.
3. 9 semester hours may be transferred towards the minor.
4. A grade of “C” or better is required for all minor courses.
5. Germany Today, The Japanese Mind, & The Greek Experience cannot be used as a part of the philosophy minor.

Minor: Religious Studies

Religious Studies is a multi-disciplinary effort to examine the phenomenon known as religion in an impartial, academic manner. Religious Studies scholars compare aspects of the variety of the world’s religions, they ask philosophical questions about the nature of religion, and they explore the relationship between religions and the larger cultural context in which religions are found. Religious Studies teaches students to engage and understand worldviews different from their own. This not only broadens the students’ perspectives, but also provides skills useful in the global context in which we live. As an undergraduate minor, Religious Studies contributes to a student’s grounding in the classical liberal arts. It focuses on clear thinking and writing and teaches students to ask insightful questions and see the world through the eyes of others. The minor requires 15 hours, including two required courses and three approved electives.

Minor Requirements (15 SEMESTER HOURS)

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
<tr>
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Select three courses from the following list:

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<td>CD-Magic/Rel/Science</td>
</tr>
<tr>
<td>ANT 4241</td>
<td>3.0</td>
<td>Anthro Of Religion</td>
</tr>
<tr>
<td>ANT 4931 AT</td>
<td>3.0</td>
<td>ST:P/Prm/Sacrd Geo</td>
</tr>
<tr>
<td>ANT 4931 AR</td>
<td>3.0</td>
<td>(FC)Comp Islamic Cul</td>
</tr>
<tr>
<td>LIT 3408</td>
<td>3.0</td>
<td>Approach To Lit:Myth</td>
</tr>
<tr>
<td>LIT 3930 AD</td>
<td>3.0</td>
<td>ST:Prob Of Evil</td>
</tr>
<tr>
<td>AMH 3932 AG</td>
<td>3.0</td>
<td>Rel/Ref Antebellm US</td>
</tr>
<tr>
<td>PHI 3700</td>
<td>3.0</td>
<td>Philsph Of Religion</td>
</tr>
<tr>
<td>PHH 3811</td>
<td>3.0</td>
<td>Philsh/Zen Buddhism</td>
</tr>
<tr>
<td>REL 3012</td>
<td>3.0</td>
<td>(CD)Myths &amp; Rituals</td>
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<tr>
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<tr>
<td>REL 3148</td>
<td>3.0</td>
<td>Religion &amp; Violence</td>
</tr>
<tr>
<td>REL 3214</td>
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<td>Hbrew Bible/Old Test</td>
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<td>REL 3293</td>
<td>3.0</td>
<td>Topics Bible/Scrptl</td>
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<tr>
<td>REL 3310</td>
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<td>REL 3330</td>
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<td>Religions on India</td>
</tr>
<tr>
<td>REL 3334</td>
<td>3.0</td>
<td>Hsty Indian Rlg Thou</td>
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<tr>
<td>REL 3420</td>
<td>3.0</td>
<td>20th Ctn Rel Thought</td>
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<td>REL 3421</td>
<td>3.0</td>
<td>Std Contmp Rel Thou</td>
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<tr>
<td>REL 3505</td>
<td>3.0</td>
<td>Hist Christ Thought</td>
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<tr>
<td>REL 3695</td>
<td>3.0</td>
<td>Sele Tps Jewish Stud</td>
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<tr>
<td>REL 3930</td>
<td>3.0</td>
<td>Sel Top:Hist of Rel</td>
</tr>
<tr>
<td>REL 3936</td>
<td>3.0</td>
<td>Topics Religious Tght</td>
</tr>
</tbody>
</table>
Conditions for the minor:
1. A grade of “C” or better is required for all minor courses.
2. Only 3 semester hours of lower-level course work may be used in the minor.
3. At minimum of 6 semester hours of upper-level course work must be taken at UNF.
4. 9 semester hours may be transferred in to the minor.

Honors in Philosophy Major The program is available to students in philosophy who are intellectually mature and who seek the challenge of doing a major research project under the supervision of a faculty mentor. This program is especially recommended to students who are considering graduate work in philosophy or another discipline, such as law, which requires substantial research and writing. To earn honors in philosophy, students must fulfill the requirements for the major with a 3.5 GPA in their major courses and must satisfactorily complete an honors thesis under the direction of a faculty member and defend the thesis before a three-member committee. Students who complete these requirements will have honors in philosophy noted on the transcript and diploma. For further information and applications, contact either the department chairperson at 620-1330.

Blue Cross and Blue Shield of Florida Center for Ethics, Public Policy, and the Professions The Center for Ethics, Public Policy and the Professions at the University of North Florida fosters deliberation on ethical issues as they emerge in public and professional life. The Center is dedicated to facilitating the application of moral reasoning to questions of ethics and values as faced by policy makers, researchers, and professional practitioners in the areas of health care, law, business, engineering, education, government, and public life generally. The Center contributes to regional, national, and international discussions of these matters through research, education, community outreach, and professional ethics consultation. Located within the Philosophy Department of UNF’s College of Arts and Sciences (COAS), the Center draws on the expertise of scholars in the Philosophy Department and other COAS departments. The Center also works in cooperation with UNF’s professional colleges: Health, Business Administration, Education and Human Services, and Computing Sciences and Engineering. It is associated with the Northeast Florida Bioethics Forum, housed with the Center. Further information can be obtained from the director at 620-1330 or by consulting the Center’s website at www.unf.edu/coas/philosophy/center.htm.

Department of Political Science and Public Administration 620-2977

Henry B. Thomas, Associate Professor and Chair
Mary O. Borg, Professor
Adam W. Herbert, Jr., Professor
Anne H. Hopkins, Professor
Ronald T. Libby, Professor
Terry M. Bowen, Associate Professor
Matthew T. Corrigan, Associate Professor
J. Patrick Plumlee, Associate Professor
Theodore J. Stumm, Associate Professor
David Schwam-Baird, Assistant Professor
Pamela A. Zeiser, Assistant Professor

The mission of the Department of Political Science and Public Administration is to serve the State of Florida through excellent teaching, quality research, and the application of public affairs theory, knowledge, policy and best practice.

The Department of Political Science and Public Administration offers a bachelor’s degree program in political science (see description following). The department also offers minors in political science and public administration. These minors may be taken with a student’s major program; students should consult with their advisor. Finally, the department offers a graduate degree program in public administration.

Institute of Government
Terry M. Bowen, Director

The Institute of Government provides developmental training and applied technical research for state and local governments, non-profit organizations and civic groups in the seven county region of Northeast Florida. The Institute is an affiliate of the Florida Institute of Government located in Tallahassee. The goal of the Institute is to enhance the overall quality of public sector and non-profit management in the region.

BA in Political Science

Political Science, the study of politics, is concerned with understanding political phenomena and developing citizens who are aware of their political rights and responsibilities. The political science major at UNF has three broad objectives.

The first is to convey to students knowledge about the subfields within the discipline, with an emphasis on American government and politics, comparative politics, international relations and public administration.

The second is to provide students with the skills needed for active and effective participation in the democratic process.

The final objective is to prepare students for careers associated with politics. The political science major provides an excellent background for admission to law school, and is a solid foundation for graduate work in political science, public administration and urban planning. In addition to preparing students for graduate work, the conceptual and methodologi-
UNF offers an undergraduate major in political science culminating in the bachelor of arts degree. Two minors, political science and public administration are available within the department. The department also offers a master of public administration degree. Majors must have a grade of “C” or better in each core course, and a minimum GPA of 2.0 in major elective courses.

**Major: Political Science**

**Track: Political Science**

**Degree: Bachelor of Arts**

**Prerequisites**

(06 SEMESTER HOURS)

Select 2 Intro Courses

- POS 2041  3.0 Intro American Gov
- POS 2932  3.0 Spec Topics Politics
- CPO 2002  3.0 Comparative Politics
- INR 2002  3.0 Intro Internat Rel

**Foreign Lang/Foreign Cultures**

(08 SEMESTER HOURS)

Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule booklet.

Select 1 Sequence

- SPN 1120  4.0 Beginning Spanish I
- SPN 1121  4.0 Beginning Spanish II
- FRE 1120  4.0 Beginning French I
- FRE 1121  4.0 Beginning French II
- FOL 2930  4.0 Beging Forgn Lang I
- FOL 2931  4.0 Beging Forgn Lang II
- SPA 4620  3.0 American Sign Lang I
- SPA 4623  3.0 Amer Sign Lang II
- SPA 4614  3.0 Amer Sign Lang III

Or

(3000 - 4000 LEVEL)

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

**Core Requirements**

(15 SEMESTER HOURS)

- POS 3713  3.0 Inquiry/Analysis
- POT 3003  3.0 Politi Thought-Action
- PAD 4003  3.0 Pub Administration

Select 1 Course

(3000 - 4000 LEVEL)

- POS 3413  3.0 American Presidency
- POS 3424  3.0 Congr & Legis/Proce
- POS 3606  3.0 US Sup Ct/Fedl Cts

Select one comparative politics or international relations

- CPO 3123  3.0 (FC)Pol/Soc Brit&Irl
- CPO 4034  3.0 Third World Politics
- CPO 4930  1-4 Topics:Comptrve Pol
- INR 3016  3.0 Global Iss Cont Pol
- INR 4334  3.0 Amer Def Nuclear Age

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

Select 4 courses from below:

- CPO 3123  3.0 (FC)Pol/Soc Brit&Irl
- CPO 4034  3.0 Third World Politics
- CPO 4930  1-4 Topics:Comptrve Pol
- INR 3016  3.0 Global Iss Cont Pol
- INR 4334  3.0 Amer Def Nuclear Age
- PAD 4027  3.0 Issues Public Mangmt
- POS 3413  3.0 American Presidency
- POS 3114  3.0 Iss State/Local Gov
- POS 3424  3.0 Congr & Legis/Proce
- POS 3444  3.0 Part. Campaig & Elec
- POS 3606  3.0 US Sup Ct/Fedl Cts
- POS 3691  3.0 American Legal Systm
- POS 3931  3.0 Spe Top: Politics
- POS 4033  3.0 Contvsl Pol Isues
- POS 4167  3.0 Urban Policy/Plan
- POS 4173  3.0 Southern Politics
- POS 4233  3.0 Publ Opin Intrt Gro
- POS 4463  3.0 Priv Pwer/Amer Democ
- POS 4608  3.0 Conlaw: Pwr & Rsnt
- POS 4624  3.0 Con Law:Rght & Lbrty
- POS 4905  1-4 Dir Individual Study
- POS 4932  2-6 Tops:Pol/Pub Admin
- POS 4945  3-4 Practicum/Legislative
- POT 3075  3.0 Am Pols & Pol Cultur
- POT 4314  3.0 Democratic Theory
- PUP 3053  3.0 Political Economy
- PUP 4003  3.0 Policy Making Proc
- PUP 4410  3.0 Politics Of Work
- PUP 4506  3.0 Evolut/Society/Poli
- PUP 4612  3.0 Polit Of Soc Program

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

All minors require 15 hours. See catalog for list.

**Free Electives (3000 - 4000 LEVEL) (10 SEMESTER HOURS)**

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
- Third repeats of attempted courses, including W, WP, WF, and courses in which passing grades were earned, will be assessed excess hour surcharges.
- Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
- Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
- Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.
30-Hour Fast Track Option in Master of Public Administration

A Fast Track leading to the Master of Public Administration is available to students with an earned Bachelor of Arts in Political Science and an undergraduate minor in Public Administration or equivalent work at another accredited university. Students must declare their intent to enroll in this Fast Track Option when applying to the university or prior to the Senior year. Eligible students must have an earned Grade Point Average of 3.0 or higher. Students will be able to successfully finish the Master of Public Administration degree upon completing only 30 credit hours of graduate work. Continuation towards the MPA program requires: a GPA of 3.0 at the undergraduate level; completion of the BA in Political Science with a minor in Public Administration; a GRE Verbal and Quantitative total score of 1000, or a combined GPA x 4 plus Verbal and Quantitative GRE scores = 2200; and, completion of PAD 4003, PAD 4027, and PAD 4167 with a 3.0 in these courses. If the required GPA/GRE scores are not maintained while enrolled as an undergraduate, then the regular application and acceptance procedures for admission into the 39 hour MPA program are required. Please see MPA Director for information on additional Fast Track requirements.

Major: Political Science
Track: Political Science Fast Track MPA
Degree: Bachelor of Arts

Prerequisites (06 SEMESTER HOURS)
Select 2 Courses
- POS 2041 3.0 Intro American Gov
- POS 2932 3.0 Spec Topics Politics
- CPO 2002 3.0 Comparative Politics
- INR 2002 3.0 Intro Internat Rel

Or (1000 - 2000 LEVEL)
- CPO POS INR

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence
- SPN 1120 4.0 Beginning Spanish I
- SPN 1121 4.0 Beginning Spanish II
- FRE 1120 4.0 Beginning French I
- FRE 1121 4.0 Beginning French II
- FOL 2930 4.0 Beging Forgn Lang I
- FOL 2931 4.0 Beging Forgn Lang II
- SPA 4620 3.0 American Sign Lang I
- SPA 4623 3.0 Ameri Sign Lang II
- SPA 4614 3.0 Amer Sign Lang III

Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

Major Requirements (15 SEMESTER HOURS)
A GPA of 3.0 or higher required for the fast track option.

POS 3713 3.0 Inquiry/Analysis
POT 3003 3.0 Poli Thought-Action
PAD 4003 3.0 Pub Administration

Select 1 Course (3000 - 4000 LEVEL)
- POS 3413 3.0 American Presidency
- POS 3424 3.0 Congr & Legisl/Proce
- POS 3606 3.0 US Sup Ct/Fedl Cts

Select one comparative politics or international relations
- CPO 3123 3.0 (FC)Pol/Soc Brit&Irl
- CPO 4034 3.0 Third World Politics
- CPO 4930 1-4 Topics:Comprtve Pol
- INR 3016 3.0 Global Iss Cont Pol
- INR 4334 3.0 Amer Def Nuclear Age

Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)
Select 4 from below or 3 from below and 1 additional core course or select 2 from below and 2 additional core courses.

CPO 3123 3.0 (FC)Pol/Soc Brit&Irl
CPO 4034 3.0 Third World Politics
CPO 4930 1-4 Topics:Comprtve Pol
INR 3016 3.0 Global Iss Cont Pol
INR 4334 3.0 Amer Def Nuclear Age
POS 3413 3.0 American Presidency
POS 3424 3.0 Congr & Legisl/Proce
POS 3444 3.0 Part. Campaign & Elec
POS 3606 3.0 US Sup Ct/Fedl Cts
POS 3691 3.0 American Legal Systm
POS 3931 3.0 Spe Top: Politics
POS 4033 3.0 Contvs Pol Issues
POS 4167 3.0 Urban Policy/Plan
POS 4173 3.0 Southern Politics
POS 4233 3.0 Publ Opin Intrt Grop
POS 4463 3.0 Priv Pwer/Amer Democ
POS 4608 3.0 Conlaw: Pwr & Rstnt
POS 4624 3.0 Con Law:Rght & Lbrty
POS 4905 1-4 Dir Individual Study
POS 4932 2-6 Tops:Pol/Pub Admin
POS 4945 3-4 Practicum/Legislative
POT 3075 3.0 Am Pols & Pop Cultur
POT 4314 3.0 Democratic Theory
PUP 3053 3.0 Political Economy
PUP 4410 3.0 Politics Of Work
PUP 4506 3.0 Evolut/Society/Poli
PUP 4612 3.0 Poli Of Soc Program

Minor Requirements (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
- PAD 4027 3.0 Issues Public Mangmt
- POS 3114 3.0 Iss State/Local Gov
- PUP 4003 3.0 Policy Making Proces

Select two courses
- POS 3606 3.0 US Sup Ct/Fedl Cts
- POS 4167 3.0 Urban Policy/Plan
- PUP 4612 3.0 Poli Of Soc Program

Conditions for the minor:
1. No more than 6 semester hours, or courses may be transferred in to satisfy minor course requirements.
2. A grade of “C” or higher is required for all minor courses.
Free Electives (3000 - 4000 LEVEL) (10 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major
electives selected. Lower level courses may affect total upper hours that may
need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level
and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours
must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign
culture and gordon rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in
which passing grades were earned, will be assessed excess hour surcharges.
Exceptions include courses approved to repeat academic credit (students
should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the
CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours
must satisfy the 9 hour summer requirement before being approved for
graduation.
* All students must apply to graduate during registration for the last semester
of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to
registering for courses at another institution.
* Students may not enroll at another institution during their last semester at
UNF. Graduation will most likely be delayed for students who do attempt
dual/concurrent enrollment in their last semester.

MINORS IN POLITICAL SCIENCE AND PUBLIC ADMINISTRATION

Minor: Political Science Minor
Minor Requirements (15 SEMESTER HOURS)
POS 2041 3.0 Intro American Gov

(3000 - 4000 LEVEL)
Select four upper level courses with the following prefixes.
   CPO/INR/PAD/POS/POT/PUP

Conditions for the minor:
1. No more than 6 semester hours, or 2 courses may be transferred in to
   satisfy minor course requirements.
2. A grade of “C” or better is required in all minor courses.

Minor: Public Administration Minor
Minor Requirements (15 SEMESTER HOURS)
POS 2041 3.0 Intro American Gov
POS 3114 3.0 Iss State/Local Gov
PAD 4003 3.0 Pub Administration
Select Two Courses
PAD 4027 3.0 Issues Public Mangmt
POS 3713 3.0 Inquiry/Analysis
POS 3606 3.0 US Sup Ct/Fedl Cts
POS 4167 3.0 Urban Policy/Plan

Conditions for the minor:
1. No more than 6 semester hours, or 2 courses may be transferred in to
   satisfy minor course requirements.
2. A grade of “C” or better is required in all minor courses.

Minor: Public Admin Minor for Political Sci Majors
Minor Requirements (15 SEMESTER HOURS)
PAD 4027 3.0 Issues Public Mangmt
POS 3114 3.0 Iss State/Local Gov
PUP 4003 3.0 Policy Making Proces
Select Two Courses
POS 3606 3.0 US Sup Ct/Fedl Cts

Psychology may be defined as the scientific study of the
behavior of humans and animals. The goal of the Department
of Psychology is to help students understand the history,
methods, and philosophy of the differing approaches to the
study of behavior.

Completion with a “C” grade or better in general psychology,
elementary statistics and general biology is required prior to
full admission to the degree program. A required compre-
hensive examination and exit interview must be completed
during the student’s final semester.

Psychology majors in both the College of Arts and Sci-
cences and the College of Education and Human Services
must earn at least a “C” in psychology courses applied
towards the major.

Psychology majors may receive either a Bachelor of Arts
degree or a Bachelor of Science degree.

The Bachelor of Arts degree program in psychology
consists of the following requirements:

Major: Psychology
Track: Psychology
Degree: Bachelor of Arts

Prerequisites (12 SEMESTER HOURS)
PSY 2012 3.0 Intro To Psy
Select one additional psychology course
CLP/DEP/EAB/EDP/EXP/INP/PCO/PPE/PSB/PSY

Select One Biology
BSC
BSC x200 - x209, or ZOO x010 may be substituted

Select One Statistics Course
STA
Any STA x000 - x099 may be taken

A grade of C or better is required in prerequisites prior to full admission to degree program.

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule of courses booklet.

Select 1 Sequence
SPN 1120 4.0 Beginning Spanish I
SPN 1121 4.0 Beginning Spanish II
FRE 1120 4.0 Beginning French I
FRE 1121 4.0 Beginning French II
FOL 2930 4.0 Bedge French I
FOL 2931 4.0 Bedge French II
SPA 4620 3.0 American Sign Lang I
EEX 4930 AF 1.0 ASL Lab I
SPA 4623 3.0 Ameri Sign Lang II
EEX 4930 AE 1.0 ASL Lab II

Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied)
See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

Major Requirements
(3000 - 4000 LEVEL) (24 SEMESTER HOURS)
A required comprehensive examination and exit interview must be completed during the student’s final semester.

** elementary statistics required prior to research methods.

PSY 3214 3.0 Research Methods Psy
PSY 3214 L 1.0 Research Methods Lab
PSY 3025 1.0 Psych Major Seminar

Select 1 Experimental Course
* PSY 3214/3214L required prior to any experimental course.

EAB 3013 C 4.0 Exptl Ana Behvr/Lab
EXP 3540 C 4.0 Exptml Cognitive Psy
EXP 3703 C 4.0 Comp Appl Psycho Res
PSY 4304 C 4.0 Psychological Testing
SOP 3210 C 4.0 Expermtl Social Psy

Select 5 Foundation Courses (3000 - 4000 LEVEL)
CBH 3004 3.0 Comparative Psycholo
DEP 3054 3.0 Lifespan Dev Psych
EXP 3412 3.0 Learning Theory
EXP 3105 3.0 Sensory Perception
EXP 3503 3.0 Cognitive Psychology
PPE 4004 3.0 Personality Theories
PSY 4604 3.0 History Of Psych

SOP 3004 3.0 Social Psychology
PSB 3004 3.0 Psychobiology
Prereq: human anat & physio, zoology or gen biology

Major Electives (09 SEMESTER HOURS)
3 Major Electives From Below (3000 - 4000 LEVEL)

CJC 3410 3.0 Offender Treatment
CLP 4143 3.0 Psy Of Abnormal Behr
SOP 3751 3.0 Psychology And Law
DEP 4404 3.0 Psychology Of Aging
SOP 3742 3.0 CD-Psych Of Women
PSY 3941 4.0 CD-Mentor Urban Yth
EAB 4703 3.0 Behavior Modificatin
PSB 4113 3.0 Prin-Biofeedback I
CLP 4183 3.0 Stress Management
CLP 4314 3.0 Behavioral Medicine
Prereqs: PSY 2012 and CLP 4183
DEP 4060 3.0 Applied Devel Psych
Prereq: DEP 3054
DEP 4104 3.0 Adv Child Psy
Prereq: DEP 3054
DEP 4304 3.0 Adv Adolescent Psy
Prereq: DEP 3054
DEP 4482 3.0 Death And Dying
Prereq: DEP 3054
INP 4004 3.0 Indstrl Orgnztnl Psy
Prereq: SOP 3004
PCO 4004 3.0 Intro Counseling
Prereqs: DEP 3054 and PPE 4004 or CLP 4143
PSY 3911 1-3 Supervised Research
Prereq: PSY 3214
PSY 4906 1-3 Dir Individual Stu
PSY 4935 1-3 Special Topics Psy
PSY 4945 1-3 Practicum: Appl Psy

* no more than 3 hours, in any combination, from the following may be used as major electives: Directed Individual Study, Supervised Research, Practicum in Applied Psychology. However, additional hours may be taken as free electives.

** note: students must earn a grade of “C” or higher in all Psychology courses.

*** students may take extra experimental courses and foundation courses in addition to those required for the major. These extra courses can be counted as major electives (however, the same course may not be counted twice to fulfill these major requirements).

Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
All minors require 15 hours. See catalog for list. May not include Behavioral Medicine.

Free Electives (3000 - 4000 LEVEL) (04 SEMESTER HOURS)

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

* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).

* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).

* All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.

* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit.

130 College of Arts and Sciences
(students should consult their academic advisor).

* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement prior to being approved for graduation.

* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.

* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.

* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.

* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

The Bachelor of Science degree program in psychology consists of the following requirements:

**Major: Psychology**

**Track: Psychology**

**Degree: Bachelor of Science**

**Prerequisites**

(12 SEMESTER HOURS)

Requires grades of “C” or above.

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2012</td>
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</tr>
</tbody>
</table>

Select one additional psychology course

PSY/DEP/CLP/EAB/EXP/INP/PCO/SOP/EDP/PPE/PSB/SPS

Select One Biology

BSC

BSC x200 - x209, or ZOO x010 may be substituted

Select One Statistics Course

STA

Any STA x000 - x099 may be taken

A grade of C or better is required in prerequisites prior to full admission to degree program.

**Major Requirements**

(3000 - 4000 LEVEL) (35 SEMESTER HOURS)

Methodology And Seminar Area

A required comprehensive examination and exit interview must be completed during the student’s final semester.

**=elementary statistics required prior to research methods.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 3214</td>
<td>3.0</td>
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<tr>
<td>PSY 3214 L</td>
<td>1.0</td>
</tr>
<tr>
<td>PSY 3025</td>
<td>1.0</td>
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</table>

Experimental courses with labs

PSY 3214/PSY 3214L (Research Methods & Lab) required first

A grade of “B” or better in both PSY 3214 (Research Methods) and PSY 3214L (Research Methods Lab) is required for the Bachelor of Science Degree. Therefore, completion of these courses early in the program is strongly recommended.

Select One Of The Following:

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<thead>
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<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EXP 3703 C</td>
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<tr>
<td>PSY 4304 C</td>
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Select Two Of The Following:

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<th>Course</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EAB 3013 C</td>
<td>4.0</td>
</tr>
</tbody>
</table>

**Foundation courses**

Select at least two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CBH 3004</td>
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</tr>
<tr>
<td>EXP 3105</td>
<td>3.0</td>
</tr>
<tr>
<td>PSB 3004</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Prereq: Human Anat & Physio, Zoology or Gen Biology

Select at least one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXP 3412</td>
<td>3.0</td>
</tr>
<tr>
<td>EXP 3503</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Select at least two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DEP 3054</td>
<td>3.0</td>
</tr>
<tr>
<td>PPE 4004</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY 4604</td>
<td>3.0</td>
</tr>
<tr>
<td>SOP 3004</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Select one additional course from the following (that has not already been taken):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBH 3004</td>
<td>3.0</td>
</tr>
<tr>
<td>DEP 3054</td>
<td>3.0</td>
</tr>
<tr>
<td>EXP 3412</td>
<td>3.0</td>
</tr>
<tr>
<td>EXP 3503</td>
<td>3.0</td>
</tr>
<tr>
<td>EXP 3105</td>
<td>3.0</td>
</tr>
<tr>
<td>PPE 4004</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY 4604</td>
<td>3.0</td>
</tr>
<tr>
<td>SOP 3004</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Select one additional course from the following (has not already been taken): CJC 3410 3.0 Offender Treatment CLP 4143 3.0 Psy Of Abnormal Behr SOP 3751 3.0 Psychology And Law DEP 4404 3.0 Psychology Of Aging SOP 3742 3.0 CD-Psych Of Women PSY 3941 4.0 CD-Mentor Urban Yth EAB 4703 3.0 Behavior Modificatn PSB 4113 3.0 Prin-Biofeedback I CLP 4183 3.0 Stress Management CLP 4314 3.0 Behavioral Medicine Prereqs: PSY 2012 and CLP 4183 DEP 4060 3.0 Applied Devel Psych Prereq: DEP 3054 DEP 4104 3.0 Adv Child Psy Prereq: DEP 3054 DEP 4304 3.0 Adv Adolescent Psy Prereq: DEP 3054 DEP 4482 3.0 Death And Dying Prereq: DEP 3054 INP 4004 3.0 Indstrl Orgnztnl Psy Prereq: SOP 3004 PCO 4004 3.0 Intro Counseling Prereqs: DEP 3054 and PPE 4004 or CLP 4143 PSY 3911 1-3 Supervised Research Prereq: PSY 3214 PSY 4906 1-3 Dir Individual Stu PSY 4935 1-3 Special Topics Psy PSY 4945 1-3 Practicum: Appl Psy
Honors in Psychology Outstanding undergraduate psychology majors who are interested in graduating with the designation “Honors in Psychology” may apply for admission to the Psychology Honors Program after successful completion of the Honors Thesis Prospectus course through the Honors Program. Application should be made at least two semesters prior to graduation. Admission to the program requires: an overall grade point average of 3.67 or better; junior or senior standing; completion of at least three psychology courses at UNF with a grade point average of 3.67 or higher. Admission to the program also consult the Advisor in the Honors Program early in planning for Honors in Psychology.

Minor: Psychology Minor
Minor Prerequisites (03 SEMESTER HOURS)
PSY 2012 3.0 Intro To Psy

Minor Requirements (3000 - 4000 LEVEL) (15 SEMESTER HOURS)
Select One Course
CLP 4143 3.0 Psy Of Abnormal Behr
DEP 3054 3.0 Lifespan Dev Psych
PPE 4004 3.0 Personality Theories
SOP 3004 3.0 Social Psychology

Select One Course
Psychology minor students who wish to take PSY 3214 (Research Methods) without the corequisite course, PSY 3214L, must see the department office for permission to register.
EXP 3412 3.0 Learning Theory
PSB 3004 3.0 Psychobiology
PSY 3214 3.0 Research Methods Psy
PSY 4604 3.0 History Of Psych

(3000 - 4000 LEVEL)
Select three upper level courses with the following prefixes.
CBH/CLP/DEP/EAB/EXP/IPN/PCO/PPE/PSY/SOP

Conditions for the minor:
1. Psychology majors may not be accepted into either the General Psychology minor.
2. Students with a minor in psychology must complete PSY 2012 - General Psychology.
3. No more than 50% of the courses required for the minor may be transferred in from another institution.
4. No more than 3 semester hours of lower-level credit may be used to fulfill the minor requirements.
5. A grade of “C” or better is required for all minor courses, including prerequisites.

Minor: Behavioral Medicine Minor
Minor Prerequisites (03 SEMESTER HOURS)
PSY 2012 3.0 Intro To Psy

Minor Requirements (15 SEMESTER HOURS)
Required Courses
CLP 4183 3.0 Stress Management
EAB 4703 3.0 Behavior Modification
CLP 4314 3.0 Behavioral Medicine
PSB 4113 3.0 Prin-Biofeedback I

Select One Course (3000 - 4000 LEVEL)
CBH/CLP/DEP/EAB/EXP/IPN/PCO/PPE/PSY/SOP

Conditions for the minor:
1. Psychology majors are not accepted into the Behavioral Medicine minor.
2. Students must complete the General Psychology prerequisite in order to minor in Behavioral Medicine.
3. No more than 50% of the courses required for the minor may be transferred from another institution.
4. No more than 3 semester hours of lower-level course work may be used to fulfill minor requirements.
5. A grade of “C” or better is required for all minor courses, including prerequisites.
Department of Sociology, Anthropology and Criminal Justice  620-2850

R. Scott Frey, Chair and Professor, Sociology
Hank Camp, Interim Vice President for Academic Affairs and Professor, Sociology
Charles Owens, Professor, Criminal Justice
Michael Hallett, Associate Professor, Criminal Justice/MSCJ Program Director
David Jaffee, Associate Professor and Associate Dean of the College of Arts and Sciences, Sociology
Sudarshan Kuthiala, Associate Professor, Sociology
Christine Rasche, Associate Professor, Criminal Justice and Sociology
Adam Shapiro, Associate Professor, Sociology
Stanley Swart, Associate Professor, Criminal Justice
Jeffry Will, Associate Professor, Sociology/ Director of CCI/MSSGC Program Director
Lisa Bates-Lester, Visiting Assistant Professor, Criminal Justice
Glenn Coffey, Assistant Professor, Criminal Justice
Eddie L. Collins Jr., Assistant Professor, Sociology
Rosa De Jorio, Assistant Professor, Anthropology
Harriet Howe, Visiting Assistant Professor, Sociology
Ronald Lukens-Bull, Assistant Professor, Anthropology
Krista Paulsen, Assistant Professor, Sociology
Richard Phillips, Assistant Professor, Sociology
Gordon Rakita, Assistant Professor, Anthropology
Jaque J. Soskis, Assistant Professor, Criminal Justice
Elizabeth Stearns, Assistant Professor, Sociology
Robert Thunen, Assistant Professor, Anthropology
Marjorie Barrett, Instructor/Field Coordinator of Social Welfare & Criminal Justice Internships/ Field Placements
Martin Edwards, Director of Pre-Law Program/ Instructor, Criminal Justice

The Department of Sociology, Anthropology and Criminal Justice offers a variety of programs in the social sciences. The department offers bachelor’s degree programs in anthropology, criminal justice, and sociology (see descriptions following). The department also offers minors in sociology, criminal justice, anthropology, and social welfare. These minors may be taken with a student’s major program; students should consult with their advisor. Finally, the department offers a graduate degree program in criminal justice.

Criminal Justice Criminal justice education is one of the most rapidly growing modern disciplines in higher education today. The need for college-educated criminal justice personnel is recognized nationally. Understanding criminal behaviors and the administration of justice in America today also is becoming increasingly important in many professions outside of the criminal justice system. Teachers, counselors, clinicians, social workers, business personnel and governmental employees are only a few of the many professionals who, in the course of their work, may have contact with the criminal justice system, its staff, or the offenders or victims involved in the system.

The University of North Florida offers an undergraduate major in criminal justice leading to the bachelor of arts degree and a graduate program in criminal justice leading to the master of science degree. A minor in criminal justice is also available.

Honors in Criminal Justice
Outstanding undergraduate criminal justice majors who are interested in graduating with the designation of “Honors in Criminal Justice” may apply for admission to the Criminal Justice Honors Program. Application should be made at least two semesters prior to graduation. Admission to the program requires: an overall grade point average of 3.67 or better, junior or senior standing, and completion CCJ 3603 and SYA 3300; a letter of application to the Criminal Justice faculty, which includes a discussion of career plans and proposed research to be conducted for the Honors research project; and securing the sponsorship of a member of the Criminal Justice faculty to serve as the supervisor of the Honors research project.

The Major The undergraduate degree program in criminal justice is broad-based in nature, stressing the interrelationships between the various components of the criminal justice system — police, courts, corrections — and familiarizing students with each of these components and their theoretical bases. The program also recognizes and builds upon the interdisciplinary nature of the field it seeks to address. Criminal Justice as a discipline draws together all the social and behavioral sciences, the natural sciences, the mathematical and computer sciences, and law and jurisprudence to focus on the problem of crime in society. Indeed, accreditation guidelines for post-secondary criminal justice education programs clearly specify that the curricula “must give explicit recognition to the multi-disciplinary character of the field.” The UNF program is designed to comply with that standard.

There are no specific criminal justice prerequisites at the lower level though CCJ 2002 or its equivalent and STA 2014 are prerequisites to some courses in the major.

Major: Criminal Justice
Track: Criminal Justice
Degree: Bachelor of Arts

Foreign Lang/Foreign Cultures  (08 SEMESTER HOURS) Requires grades of “C” or above.
Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified on the online schedule of courses booklet.

Select 1 Sequence
SPN 1120  4.0 Beginning Spanish I
SPN 1121  4.0 Beginning Spanish II
FRE 1120  4.0 Beginning French I
FRE 1121  4.0 Beginning French II
FOL 2930  4.0 Beging Forgn Lang I

College of Arts and Sciences  133
**FOL 2931** 4.0 Beging Forgn Lang II  
**SPA 4620** 3.0 American Sign Lang I  
**EEX 4930 AF** 1.0 ASL Lab I  
**SPA 4623** 3.0 Ameri Sign Lang II  
**EEX 4930 AE** 1.0 ASL Lab II  

Or  
(3000 - 4000 LEVEL)  
3 foreign cultures (only if state requirement is satisfied)  
See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

**Major Requirements**  
(23 SEMESTER HOURS)  
CCJ 2002-Crime in America is required before taking the major requirements listed below. SYA 3300 requires elementary statistics.

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester Hours</th>
<th>Course Code</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCJ 3930</td>
<td>1.0</td>
<td>CJ Junior Seminar</td>
<td></td>
</tr>
<tr>
<td>CCJ 3023</td>
<td>3.0</td>
<td>Justice Systems</td>
<td></td>
</tr>
<tr>
<td>CCJ 3603</td>
<td>3.0</td>
<td>Explanations/Crime</td>
<td></td>
</tr>
<tr>
<td>SYA 3300</td>
<td>4.0</td>
<td>Research Methods Lab</td>
<td></td>
</tr>
</tbody>
</table>

**Minor Prerequisites (03 SEMESTER HOURS)**  
Minor: Criminal Justice Minor  
CCJ 2002 3.0 Crime In America  

**Minor Requirements (15 SEMESTER HOURS)**  
Select two upper level courses with the following prefixes.  
CCJ CJL CJC  

**Minor: Criminal Justice Minor**  
**Minor Prerequisites**  
CCJ 2002 3.0 Crime In America  

**Minor Requirements**  
CCJ 3023 3.0 Justice Systems  
CCJ 3603 3.0 Explanations/Crime  
CJL 3410 3.0 Crim Law/Procedure I  

(3000 - 4000 LEVEL)  
Select two upper level courses with the following prefixes.  
CCJ CJL CJC  

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

**Sociology**  
Sociology is an empirically-based social science discipline concerned with the development of systematically organized knowledge about human groups, communities, social institutions, and societies. It focuses upon social interaction as its basic unit of observation. The sociology major is designed to provide the student with the basis for a broad liberal arts education and to equip him/her with the conceptual, theoretical, and methodological tools necessary to pursue a career in a social service occupation or as a professional sociologist, following a program of graduate studies. Sociology is frequently pursued by students who desire greater understanding and insight into the systems and processes of society which bear upon them in their everyday lives, so that they might make some relevant contribution to their society and to the individuals in the society.
The major program leading to a bachelor of arts degree in sociology is designed to combine a broad range of courses with a central core which provides a basic integrating framework. The completion of a course in introductory sociology is a prerequisite for entry into the program. Completion of introductory courses in the other social sciences — psychology, political science, history, and economics — is recommended. The program for the bachelor of arts degree in sociology has a core of courses designed to introduce students to the major areas of the discipline. The program is as follows:

### Major: Sociology

**Track:** Sociology

**Degree:** Bachelor Of Arts

**Prerequisites (06 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYA 3930</td>
<td>Junior Seminar</td>
<td>2.0</td>
</tr>
<tr>
<td>SYA 3300</td>
<td>Research Methods Lab</td>
<td>4.0</td>
</tr>
<tr>
<td>SYA 4010</td>
<td>Sociological Theory</td>
<td>3.0</td>
</tr>
<tr>
<td>SYP 4050</td>
<td>Soc Human Interacton</td>
<td>3.0</td>
</tr>
<tr>
<td>SYP 3440</td>
<td>Soc Chg Internat Dev</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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

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

**Select 1 Sequence**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 1120</td>
<td>Beginning Spanish I</td>
<td>4.0</td>
</tr>
<tr>
<td>SPN 1121</td>
<td>Beginning Spanish II</td>
<td>4.0</td>
</tr>
<tr>
<td>FRE 1120</td>
<td>Beginning French I</td>
<td>4.0</td>
</tr>
<tr>
<td>FRE 1121</td>
<td>Beginning French II</td>
<td>4.0</td>
</tr>
<tr>
<td>FOL 2930</td>
<td>Beging Forgn Lang I</td>
<td>4.0</td>
</tr>
<tr>
<td>FOL 2931</td>
<td>Beging Forgn Lang II</td>
<td>4.0</td>
</tr>
<tr>
<td>SPA 4620</td>
<td>American Sign Lang I</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4930 AF</td>
<td>ASL Lab I</td>
<td>1.0</td>
</tr>
<tr>
<td>SPA 4623</td>
<td>American Sign Lang II</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4930 AE</td>
<td>ASL Lab II</td>
<td>1.0</td>
</tr>
</tbody>
</table>

Or

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYA 3300</td>
<td>requires an elementary statistics course as preparation.</td>
<td></td>
</tr>
<tr>
<td>SYA 3930</td>
<td>Junior Seminar</td>
<td>2.0</td>
</tr>
<tr>
<td>SYA 3300</td>
<td>Research Methods Lab</td>
<td>4.0</td>
</tr>
<tr>
<td>SYA 4010</td>
<td>Sociological Theory</td>
<td>3.0</td>
</tr>
<tr>
<td>SYP 4050</td>
<td>Soc Human Interacton</td>
<td>3.0</td>
</tr>
<tr>
<td>SYP 3440</td>
<td>Soc Chg Internat Dev</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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

Select 6 Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYA 4905</td>
<td>Dir Individual Stu</td>
<td>2.0</td>
</tr>
<tr>
<td>SYA 4930</td>
<td>Spec Topic:Sociology</td>
<td>2.5</td>
</tr>
<tr>
<td>SYD 3020</td>
<td>Social Demography</td>
<td>3.0</td>
</tr>
<tr>
<td>SYD 3410</td>
<td>Urban Systems</td>
<td>3.0</td>
</tr>
<tr>
<td>SYD 3700</td>
<td>CD-Race/Cult Minority</td>
<td>3.0</td>
</tr>
<tr>
<td>SYD 3800</td>
<td>CD-Gender &amp; Society</td>
<td>3.0</td>
</tr>
<tr>
<td>SYD 4601</td>
<td>Commty Orgz Chg Dev</td>
<td>3.0</td>
</tr>
<tr>
<td>SYO 3110</td>
<td>Sexuality/Marriage</td>
<td>3.0</td>
</tr>
<tr>
<td>SYO 3530</td>
<td>Soc Stratification</td>
<td>3.0</td>
</tr>
<tr>
<td>SYO 4100</td>
<td>Soc Of Family</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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

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

**Free Electives (3000 - 4000 LEVEL) (04 SEMESTER HOURS)**

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
- A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.
- Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
- Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
- Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
- All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
- An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

### Sociology Minor

Sociology is the study of human social life, groups and societies. The sociology minor is designed to provide the student with insight into social interaction and social processes, and focuses on understanding how these processes influence society. The analytical and methodological skills obtained in the sociology minor will allow students to garner a broader understanding of society and to further realize their potential in their chosen profession. The sociology minor is designed to complement a number of other majors, including, the arts, business, criminal justice, natural sciences, and nursing.

**Minor: Sociology Minor**

**Minor Requirements (15 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYP 4050</td>
<td>Soc Human Interacton</td>
<td>3.0</td>
</tr>
<tr>
<td>SYA 4010</td>
<td>Sociological Theory</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Select three upper level courses with the following prefixes.

SY/G/SY/SA/SY/SYD

**Conditions for the minor:**

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

Anthropology seeks to investigate, describe, and explain humankind. In examining humankind anthropologists look at what makes us human: 1) Cultural adaptations and diversity both past (Archaeology) and present (Cultural Anthropology), 2) Human Language and it breath of languages and the origins of symbolic communication (Linguistics), 3) Furthermore, Anthropology examines human physical structure and the evolution and variation of human adaptation (Physical Anthropology). Anthropology, in its approach to understanding humankind, utilizes the natural and social sciences as well as the humanities to examine ourselves. Anthropology has always been an interdisciplinary field due to its attempt to examine the fullness of the human experience and culture. One essential dimension of anthropology is its engagement with and teaching about other cultures. As the world becomes more globally connected, anthropology provides students essential skills and knowledge allowing them to bridge different societies and providing the context for business, tourism, and governments to appreciate and understand issues of cultural difference and behavior.

The completion of two introductory courses in anthropology is a prerequisite for entry into the program. The program of study consists of a core of required courses providing a holistic overview of the discipline. Students will also take at least two courses in both subject and cultural areas. The student will take 9 additional credit hours in their areas of anthropological interest.

Major: Anthropology

Track: Anthropology

Degree: Bachelor Of Arts

Prerequisites (06 SEMESTER HOURS)

Requires grades of “C” or above
Two Intro. Anthropology (1000 - 2000 LEVEL)
ANT

Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Note: Language I is offered in the fall semester and Language II is offered in the spring semester unless otherwise specified in the online schedule. Grades of “C” or above are required in all Foreign Language, American Sign Language, and Foreign Culture courses.

Select 1 Sequence
SFN 1120 4.0 Beginning Spanish I
SFN 1121 4.0 Beginning Spanish II
FRE 1120 4.0 Beginning French I
FRE 1121 4.0 Beginning French II
FOL 2930 4.0 Beging Fornlg Lang I
FOL 2931 4.0 Beging Fornlg Lang II
JPN 1120 4.0 Beginning Japanese I
JPN 1121 4.0 Beginning Japanese II
SPA 4620 3.0 American Sign Lang I
SPA 4623 3.0 Ameri Sign Lang II
SPA 4614 3.0 Amer Sign Lang III

Or (3000 - 4000 LEVEL)
3 foreign cultures (only if state requirement is satisfied)
Foreign culture courses carrying the “ANT” prefix may only be taken once in either the major area -or- as a foreign culture.

See list of foreign culture courses in the course schedule booklet. May not include cultural diversity courses unless “CD(FC)” appears in the course title.

Major Requirements (3000 - 4000 LEVEL) (15 SEMESTER HOURS)

Note: grades of “C” or higher required in all major requirements.
LIN 3010 3.0 Prin Of Linguistics
ANT 3513 3.0 Prin Physcl Antrop
ANT 4034 3.0 Survey Anthro Thrys
ANT 4192 3.0 Archae Resrch Stratg
ANT 4495 3.0 Cross-Cultural Methd

Major Electives (3000 - 4000 LEVEL) (21 SEMESTER HOURS)

Additional related electives may be substituted in the cultural and subject areas with prior approval of the anthropology program director. Grades of “C” or higher are required in all major electives.

I. Cultural Area

Choose two courses from the following list:

ANT 4352 3.0 (FC) Peo/Cult Africa
ANT 3311 3.0 (FC)Ind Southeast US
ANT 3212 3.0 CD-(FC)Peo/Cult Wld
ANT 3312 3.0 CD-(FC)N Amer Indian
ANT 4362 3.0 (FC)Peo/Cult SE Asia

II. Subject Area

Choose two courses from the following list:

(if not previously taken)

ANT 4241 3.0 Anthropo Of Religion
ANT 4274 3.0 Political Anthroplgy
ANT 4905 3.0Dir Ind Study:Ant
ANT 4931 AH 3.0 ST:Arch Field Method
ANT 4931 AL 3.0 Urban Anthropology
ANT 4931 3.0 Sel Top:Cult Anthrop

III. Electives within the major

Choose three courses from the following list:

(if not previously taken)

ANT 3312 3.0 CD-(FC)N Amer Indian
ANT 4352 3.0 (FC) Peo/Cult Africa
ANT 3311 3.0 (FC)Ind Southeast US
ANT 3212 3.0 CD-(FC)Peo/Cult Wld
ANT 4362 3.0 (FC)Peo/Cult SE Asia
ANT 4241 3.0 Anthropo Of Religion
ANT 4274 3.0 Political Anthroplgy
ANT 4905 3.0 Dir Ind Study:Ant
ANT 4931 AH 3.0 ST:Arch Field Method
ANT 4931 AL 3.0 Urban Anthropology
ANT 4931 3.0 Sel Top:Cult Anthrop

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

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

Free Electives (3000 - 4000 LEVEL) (01 SEMESTER HOURS)

* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
* Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
* A minimum of 120 semester hours is required for graduation (48 hours must be upper level).
* All prerequisites, major, minor, foreign language (if applicable), foreign culture and gordon rule courses require grades of “C” or higher.
* Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges.
Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
* Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
* Students who started at a state university prior to earning 60 semester hours must satisfy the 9 hour summer requirement before being approved for graduation.
* All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published in the course schedule booklet.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

**Anthropology Minor**
A Certificate in Anthropology is awarded by the department upon completion of the course and fieldwork listed below and successful completion of a baccalaureate degree. The emphasis of the minor is to provide the student with the basic tenets of anthropology and to enable him/her to better appreciate both cross-cultural and time-depth studies of humanity.

**Minor: Anthropology Minor**

**Minor Requirements** (15 SEMESTER HOURS)

**Required Courses**
- ANT 4034 3.0 Survey Anthro Thrys
- ANT 4192 3.0 Archae Resrch Stratg
- LIN 3010 3.0 Prin Of Linguistics

Select Two Courses (3000 - 4000 LEVEL)
- ANT

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

**Social Welfare Minor**
A Certificate in Social Welfare is awarded by the department upon completion of course and field work listed below and successful completion of a baccalaureate degree. Students interested in the minor should take the following courses:

**Minor: Social Welfare Minor**

**Minor Requirements** (15 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
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<tbody>
<tr>
<td>SOW 3203</td>
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<tr>
<td>SOW 4302</td>
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<tr>
<td>SOW 4511</td>
<td>3.0</td>
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Select two courses from the following:
- SYD 3700 3.0 CD-Race/Cult Minor	y
- SYD 4601 3.0 Commty Orgz Chg Dev
- SYO 3110 3.0 Sexuality/Marriage
- SYO 4100 3.0 Soc Of Family
- SYO 4400 3.0 Hlth,Ilness,& Socty
- SYO 4411 3.0 Ment Hlth Urban Comm
- SYP 3570 3.0 Deviance & Soc Cont
- SYP 4530 3.0 Juven Delq Juven Jus
- SYP 4561 3.0 Child Abuse & Incest
- SYP 4730 3.0 Sociology Of Aging
- CCJ 3341 3.0 Offender Treatment
- CCJ 4680 3.0 Family Violence

**Conditions for the minor:**
1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.
2. No more than 3 semester hours, or 1 course carrying lower-division numbers may be used to satisfy any minor requirement.
3. A grade of “C” or better is required for all minor courses.
Anthropology

ANT 2000 - CD - Introduction to Anthropology 3
An introduction to the critical issues in anthropology. The major subfields of archaeology, physical anthropology, linguistics, and cultural anthropology are examined for an understanding of contemporary and past cultural issues such as the rise of civilization, origins of language, and the roots of social inequality.

ANT 2100 - Introduction to Archaeology 3
The basic theoretical and methodological principles of American archeology. The course covers the methods and tools used by archaeologists, the framework of inquiry and methods of recovery, analysis, interpretation and explanation.

ANT 2303 - CD - Kinship and the Family in a Cross-cultural Perspective 3
This course introduces students to the study of kinship and gender in an anthropological perspective. Topics covered include, but are not restricted to, gender distinctions, body images, descent, inheritance, courtship, love, marriage, family forms, kin networks, and new reproductive technologies. Students will be presented with detailed case studies both within and outside the Euro-American tradition.

ANT 2930 - CD - Special Topics in Anthropology 3
Examination of topics of current importance in anthropology. Topics may vary. May be repeated for 6 credits.

ANT 3212 - CD - FC - Peoples and Cultures of the World 3
This course uses a comparative approach to investigative common bonds of culture and the ways in which Homo sapiens elaborate cultural differences. This course uses cross-cultural evidence to investigate some of the fundamental cultural building blocks of kinship, subsistence technology, and political behavior.

ANT 3311 - FC - Indians of the Southeastern U. S. 3
This course investigates the indigenous populations of the Southeastern United States. Material covered ranges from the prehistoric record to European Contact to the historic transformation and/or destruction of these groups. This class covers a broad range of topics and native groups.

ANT 3312 - CD - FC - North American Indians 3
This course examines selected Indian groups from a holistic perspective and compares different cultural complexes. Particular attention will be given to religion, world view, kinship, politics and economic subsistence patterns. A study of aboriginal Indian cultures will be used as a basis for comparison with current American cultures.

ANT 3513 - Principles of Physical Anthropology 3
Physical Anthropology is the study of humans as biological beings in a cultural setting. This class introduces students to the key concepts, fossil discoveries, and underlying theories that define the field. The course looks at Homo sapiens from our biological variation to our evolutionary development. Topics include: Primates — Evolution and Behavior, Paleoanthropology and Hominid Evidence, Human Osteology and Forensic Anthropology.

ANT 4034 - Survey of Anthropological Theories 3
This class examines the historical development of anthropological theories and methodologies. Students will read and discuss seminal works in sociocultural anthropology.

ANT 4192 - Archaeological Research Strategy 3
This course is an intensive survey of archaeological theory and research methods. It is intended for students interested in anthropology and the practice of archaeology. The course is designed as a seminar emphasizing discussions of weekly readings and student papers. This is not a hands-on lab or fieldwork course, but rather, we focus on the theoretical underpinnings of archaeology and the scientific method.

ANT 4241 - Anthropology of Religion 3
The cultural conceptions of supernatural reality with an emphasis upon comparative understanding of myth and ritual, the religious experiences and revitalization movements.

ANT 4274 - Political Anthropology 3
An anthropological examination of politics, including a cross-cultural comparison of political structures, leadership, factions, the politics of ethnicity and political change.

ANT 4331 - People of the Andes 3
The geography, history, culture and current status of South American Andean peoples.

ANT 4352 - FC - Peoples and Cultures of Southeast Asia 3
This course acquaints the student with some of the peoples and cultures of Southeast Asia including foragers, farmers and urban populations. It examines prehistory of the region, the development of complex state societies, and the impact of world religions (Buddhism, Hinduism, and Islam) as well as European colonialism. It examines a number of key contemporary social and economic issues in the region, including deforestation, agrarian transformation, religious revitalization, and the changing status of women.
ANT 4495 - Cross Cultural Methods
This class investigates a variety of anthropological and social science methods to produce a useful set of tools for cross-cultural analysis. Subjects for analysis include the idea of culture, kinship systems, economic relations, world views, and modern business practices.

ANT 4905 - Directed Independent Study in Anthropology
Students pursue under faculty supervision a research topic of the student’s own choice. May be repeated for 12 credits under different topics.

ANT 4931 - Selected Topics in Cultural Anthropology
Study of relevant issues in cultural anthropology. May be repeated for 12 credits under different topics.

Art
ARH 2000 - Art Appreciation
This course includes the study of visual elements, design principles, various techniques and media. Examples of Western painting, sculpture and architecture from prehistoric to present times will be examined. Local museum excursions are required.

ARH 2050 - Art History Survey I
This course is a survey of painting, sculpture and architecture from the Paleolithic era through the Medieval period. Monuments will be studied in relation to the cultural contexts of Western civilization.

ARH 2051 - Art History Survey II
This course is a survey of European painting, sculpture and architecture from the Renaissance, Baroque, Rococo, and Neoclassical periods to the emergence of modern art including Romanticism, Realism, Impressionism, Expressionism and Cubism.

ARH 3170 - Classical Greek and Roman Art
Pre-Hellenistic Greece. Geometric and archaic art. The severe style. The golden age of Pericles. Late classical and Hellenistic art. Etruscan and Roman Republican art. The Roman empire. Christianity’s effect on late Roman forms. The Byzantine empire.

ARH 3302 - Italian Renaissance Art
Earlier Renaissance; Proto-Renaissance aspects of late Gothic art; the international style; early renaissance; high renaissance; Venetian art; mannerism. Examples of painting, sculpture and architecture will be studied.

ARH 3319 - The Art and Architecture of Michelangelo
Using contemporary as well as modern accounts of the artist, this course will study the painting, drawing, sculpture, and architecture of Michelangelo in the context of Italian Renaissance culture.

ARH 3350 - Baroque Art

ARH 3410 - Modern European Art I
This course will study European art and architecture between 1780-1870, from Neo-Classicism through Impressionism.

ARH 3423 - American Art Before 1940
Tracing the development of American painting from Revolutionary to Modern times, this class will study American artists’ dependence on European tradition and their determination to forge an American style.

ARH 3428 - Modern European Art II
This course will study European art and architecture between 1880 and 1940, from Post Impressionism through Surrealism.

ARH 3470 - Art after 1940
This course will study European and American art from Abstract Expressionism to the present.

ARH 3930 - Special Topics
Special Topics in Art History. Special Topics courses are designed to augment the curriculum by offering classes which are not in the catalog. May be repeated for 12 credits under different topics.

ARH 4457 - Art Criticism
Prerequisites: ARH 2050; ARH 2051; one ARH 3000 or 4000 level. An investigation of selected philosophies of art criticism in the 20th century. Students will apply methods of analysis and interpretation to the critique of art. Individual ideas will be expressed through writing assignments, group critiques, guest lectures, and visits to art exhibitions. Emphasis will include contemporary art issues.

ARH 4712 - Photohistory 1839-1916
This course will examine the nature of photography from its invention in 1839 to World War One. Through the reading and discussion of primary writings and critical texts, students will discuss and write about 19th century photographs. Methods for critical analysis of photographs will also be introduced and woven into class lectures and readings.

ARH 4713 - Photohistory 1916 to the Present
Photohistory is a selected survey of the history of photography in the 20th century. Emphasis is placed upon photographic expression in the last half of the century focusing upon areas such as photographic art; advertising; political; social documentary; photography and the digital revolution.

ARH 4724 - Graphic Design History
This class explores the evolution of graphic design from past to present. Slide lectures present an overview with emphasis on important periods. It examines the relationship between design and the historical influence on contemporary design. Related topics include typography, photography, illustration and technological impact.

ARH 4800 - Aesthetics of Art
A search for beauty and expression in the arts. Through lectures, discussions, movies, and slides, this search will take into account the thoughts of Santayana, Dewey, Langer, Tolstoy and well-known contemporary philosophers, artists, writers, architects and film makers.

ART 1201C - Two-Dimensional Design
Includes basic, pictorial study and practice in the use of positive and negative, figure-ground, black and white, color relationships and concepts with emphasis on design as personal expression and illusion of three-dimensional form. (A material fee of $15 will be assessed.)

ART 1300C - Drawing I
Introduces linear-spatial perspective and basic drawing form with practice and experimentation in the use of various tools, subject matter and general approaches to beginning drawing problems, using vine charcoal, conte crayon, bristle brush, tube paint, wet and dry media.
ART 2203C - Three-Dimensional Design
Visual problem-solving through the structural and spatial exploration of wood, metal, paper, plaster and other related three-dimensional materials, with emphasis on creative form and imaginative solutions. (A material fee of $15 will be assessed.)

ART 2301C - Drawing II
Prerequisite: ART 1300C. Introduction to figure drawing, foreshortening perspective and basic drawing composition. Emphasizes problems in the organization of figure-ground, spatial and structural relationships, organic and geometric form, line and mass articulation and expression of creative imagery. Includes charcoal, conte crayon, bristle brush, tube paint and mixed media.

ART 2330C - Figure Drawing
Prerequisite: ART 2301C, and consent of instructor. The objectives are to increase the individual’s visual experience and technical skill in the drawing process and to heighten personal awareness and understanding of structure and space relationships. The class will draw from the nude figure, using a large format, vine charcoal, conte and wet or dry brush techniques. May be taken for a maximum of 18 credits.

ART 2400C - Printmaking
The materials, processes and techniques relevant to creative production of art for multiple distribution and aesthetic expression. May be taken for a maximum of 12 credits.

ART 2500C - Painting Fundamentals
Prerequisite: One drawing course. Assignments emphasize the relationship of format, process, subject matter and visual organization; appreciation of the creative process. Attempting to solve the material and aesthetic problems of working with self-prepared, stretched paper and transparent or opaque tube watercolor or acrylic studio paints. Provides valuable practical experience.

ART 2501C - Advanced Painting/Drawing
Prerequisite: ART 2500C or ART 2330C or consent of instructor. Assigned senior studio problems in easel painting or related process art forms. Emphasis on originality, style, subject matter; application of linear, spatial color-value relationships. May be repeated for a total of 6 credits.

ART 2605C - Basic Computer Images
This course is for people with little or no computer experience. Covers basic skills on the Macintosh. Use of type, color, word processing, and page processing. How to save material and deal with service bureaus will also be covered. (A material fee of $15 will be assessed.)

ART 3119C - Ceramics: Intermediate
Prerequisite: ART 3786C. An intermediate exploration of ceramic methods emphasizing individual expression, alternative directions and aesthetic qualities in clay. Surface enhancement including special glazing techniques is included. (A material fee of $25 will be assessed.)

ART 3332C - Figure Drawing II
Prerequisite: ART 2330C. The objective of this class is to cover the components of figure drawing that will increase the students’ skill and heighten their awareness and understanding of the figure and the drawing processes by emphasizing structure, anatomy, and proportion. The class will draw from the nude figure, using a variety of techniques. May be repeated for a maximum of 18 credits.

ART 3504C - Figurative Painting
Prerequisite: ART 2500C. To increase the individual’s awareness of the materials and the creative process in painting while developing personal goals, aesthetic sensitivity. Ability to express, through form, significant involvement in visual structures and color space relationships is explored. May be taken for a maximum of 18 credits.

ART 3560C - Figurative Painting
Prerequisites: ART 3332C and ART 2500C. This class is about understanding and interpreting the figure in paint. The classes will explore painting the figure, and enable students to develop individual approaches to figurative painting in studio painting sessions. The students will explore mixing color for flesh tones, as well as composition, anatomy, and painting techniques. May be repeated for a maximum of 6 hours.

ART 3707C - Sculpture Process
Students will use traditional sculptural materials with an emphasis on techniques to enhance individual expression in three dimensions. Metals, synthetic stone and selected media will be used within limitations and safety. (A material fee of $25 will be assessed.)

ART 3709C - Sculpture: Intermediate
Prerequisite: ART 3707C. Students enrolled in this course will be expected to expand their use of equipment and materials necessary to the exploration of sculptures, movements in sculpture and the use of material combination. (A material fee of $25 will be assessed.)

ART 3714C - Sculpture: Casting
Prerequisite: ART 3707C. Students will utilize cold cast materials as well as hot metals in an effort to explore and combine methods with aesthetic form and develop personal direction. (A material fee of $25 will be assessed.)

ART 3786C - Ceramics
Multilevel course in hand-building, wheel-throwing, glazing and firing procedures to increase technical proficiency and sensitivity in the design process and to translate personal expression and aesthetic values into art form. May be taken for a maximum of 18 credits. With each repetition, the student works at a more advanced level. (A material fee of $25 will be assessed.)

ART 3930 - Special Topics
v. 1 - 3
May be repeated for a total of 24 credits under different topics.

ART 4114C - Ceramic Aesthetic
Prerequisite: ART 3786C. This course focuses on advanced levels of invention employing the creative process toward very personal forms, glazes and techniques. Consideration is given to new technology in the field as well as contemporary ideas on aesthetics and quality. (A material fee of $25 will be assessed.)

ART 4115C - Advanced Ceramics
Prerequisite: ART 3786C. This is an advanced course for individual specialization in ceramic studio. Work may include design and construction of kilns, glaze exploration and the development of abstract ceramic forms. (A material fee of $25 will be assessed.)

ART 4255C - Illustration
Prerequisite: GRA 2190C. Illustration art techniques relevant to product and reproduction process as well as personal creativity in developing and mastering pictorial form for a variety of advertising media. (A material fee of $15 will be assessed.)
ART 4610C - Digital Imaging
Prerequisites: ART 2605C or permission of instructor. This course involves contemporary computer technology for black and white and color print production. Students apply software as a creative tool for darkroom and prepress functions. Job oriented projects provide experience in meeting production requirements. Exercises acquaint students with print and editing tools, image modification and typography. (A material fee of $15 will be assessed.)

ART 4682C - Graphic Design III
Prerequisite: GRA 3183C. This course explores advanced computer programs and applied problems in graphic design. It provides an advanced extension of how computers are changing the design process by examining computer interaction and interface to accomplish specialized tasks of visual communications. Students receive hands-on experience with microcomputers tapping the communications power of interactive text and graphics. Page make-up and composition systems will be used to aid in publication production. (A material fee of $15 will be assessed.)

ART 4683C - Graphic Design IV
Prerequisite: ART 4682C. This course focuses on the use of interactive software for programming and scripting for the design and production of multimedia. (A material fee of $15 will be assessed.)

ART 4686C - Graphic Design V
Prerequisite: ART 4683C. This course is a continuation of Graphic Design IV with an emphasis on digital video, audio and advanced programming for interactive media. (A material fee of $15 will be assessed.)

ART 4710C - Advanced Sculpture
Prerequisite: ART 3707C or consent of instructor. This course will be for individual specialization in sculpture studio. The students are introduced to sculptural concepts and techniques with projects focusing on metals construction, casting and mixed media. May be repeated for a total of 12 credits. (A material fee of $25 will be assessed.)

ART 4756C - Sculpture: Enlivened Space
Prerequisite: ART 3707C. The Enlivened Space focuses on sculptural form as it develops in the creative inquiry of minimal, conceptual, installation and mixed media processes. Advanced and experimental methods used in alternative spaces are explored. (A material fee of $25 will be assessed.)

ART 4805C - Painting/Drawing Research
Prerequisites: ART 3504C and ART 3332C. This class consists of concentrated studies in painting/drawing processes through research, self-motivation, and series/subject development. Advanced studio problems in painting/drawing are pursued with emphasis on independent work, theme development, personal discovery, idea/concept and advanced processes. Individual development is stressed. Discussions, criticism and research are central to the course. May be repeated for a maximum of 6 hours.

ART 4905 - Directed Individual Studies
v. 1 - 3
A maximum of 15 credits may be accumulated in directed individual studies.

ART 4929C - Senior Project
Students enrolled in this course will make, promote and install a body of work which exhibits a professional approach and understanding of the medium selected. An artist’s statement and an exhibition plan is required.

ART 4935 - Seminar
v. 1 - 3
A maximum of 15 credits may be accumulated in seminars.

ART 4943 - Graphics Practicum
Field work in the profession is applicable to the student’s competency for and the availability of an appropriate assignment in a specific area of commercial graphics. (A material fee of $15 will be assessed.)

ART 4955 - Graphic Design/Photography Portfolio
Prerequisite: Senior status/ART 4682C. Individual assigned problems to help in the completion of a portfolio for presentation to prospective employers. (A material fee of $15 will be assessed.)

ART 4965C - Fine Arts Portfolio
An outgoing portfolio, representative of the student’s work, will be assembled by the student with the guidance and approval of the art faculty.

GRA 2101C - Graphic Design (non-majors)
Prerequisites: ART 2605C and MMC 1004. This course focuses on philosophy, economics and problems involved in designing for communication. This is a basic course demonstrating the tools and techniques of the designer, relating the experience and education necessary for advertising and graphic design. (A material fee of $15 will be assessed.)

GRA 2130 - Introduction to Multimedia Theory & Principles
Prerequisite: ART 2605C. The course focuses on the introduction of design issues specifically related to new media, web design, broadcast video and film. This course includes typography issues, vector and raster graphics, output for the web, television and streaming media. Students will investigate “positive” and “negative” examples of design, conceptual uses of new media for art and advertisements. Additionally students will examine theories and principles of interactivity and interface design.

GRA 2190C - Graphic Design
Prerequisites: ART 1201C, ART 2203C, ART 1300C, ART 2301C, and ART 2605C. The philosophy, economics and problems involved in designing for communication. A basic course demonstrating the tools and techniques of the designer, relating the experience and education necessary for advertising and graphic design. (A material fee of $15 will be assessed.)

GRA 2929C - Prepress Production
Prerequisite: ART 2905C. Course material examines and demonstrates software used in electronic page composition for “printed media”. Basic typography and print production are explained. This course may be taken concurrently with Graphic Design but is a prerequisite for Prepress Production. (A material fee of $15 will be assessed.)
GRA 3734 - New Media Production and Planning 3
Prerequisite: ART 2605C. In this course students will focus on total project management in New Media from concept to completion. New media team projects and multitasking will be utilized to allow students to gain full potential of industry environments. This course will enable the student to develop a working, real-world knowledge of the scope and complexity of producing multimedia projects in general; including CD-ROM, Internet, Online and disk-based new media. This course will give the students the opportunity to study topics such as time management, budget management, project & team leadership, art direction, writing and evaluation.

GRA 3735 - Fundamentals of Multimedia Development 3
Prerequisite: ART 2605C. Students will acquire the skills needed to develop, design and produce basic web pages. Specific pre-packaged programs will be studied as the basis for all web page layout, design and delivery. The student will become familiar with languages used in the industry as well as study the future development of languages and current language changes.

GRA 4145C - Web Animation 3
Prerequisites: ART 4610C and ART 4683C. This course introduces students to Flash X, the web standard for vector graphics and animation, as well as Gif Animator and After Effects. (A material fee of $15 will be assessed.)

GRA 4165C - Motion Graphics 3
Prerequisite: ART 4683C or permission of instructor. Students will explore animated typography and graphics in 2D and 3D environments, digital video compositing and advanced special effect techniques. May be repeated for a total of 9 credits. (A material fee of $15 will be assessed.)

GRA 4712C - Digital Video Technology 3
Prerequisites: RTV 3220 C or permission of instructor. Corequisites: BFA core. Students will explore the art of story telling and video editing using non-linear digital video editing. Students will examine the latest advances in desktop video applications, special effects and the role these new technologies play in video production. May be repeated for a total of 9 credits.

GRA 4725C - Advanced Web Animation 3
Prerequisite: GRA 4145C. Students will develop advanced knowledge of scripting and animation techniques as they are used on the web and in new media presentations. Students will move from the creation of basic animated web pages to the development of stand-alone projects while working in a team environment. The incorporation of multiple programs will allow the student to learn composing techniques and streaming media output control. (A material fee of $15 will be assessed.)

GRA 4930 - Senior Seminar 3
Prerequisites: Senior standing and completion of three upper-level graphic design courses. This course enables the student to examine the legal and business issues affecting professional visual artists.

GRA 4940 - Internship in Graphic Design 3
Prerequisites: Senior standing and completion of three upper-level graphic design courses and consent of coordinator. Students will work and study on the job with a Graphic Design firm or an organization that has a Graphic Design Department. The firm or organization must be approved by the coordinator and paid positions are preferred.

HUM 2210 - Western Humanities 3
Prerequisite: EUH 1000 and EUH 1001 or comparable lower-level courses in world history. Classical and medieval humanities: 500 B.C. to 1500 A.D. An interdisciplinary, historically oriented study of some of the most important and enduring ideas fundamental to the development of Western civilization as embodied in selected works of literature, philosophy, religion, art and music. A survey course taught in lecture format. Sequential credit suggested but not mandatory.

HUM 3524 - FC - Great Age of Vienna 3
An examination of the music and art of Vienna during the 18th and 19th centuries against the cultural and social background of this city which reigned as one of the artistic centers of the world. A survey course taught in lecture format.

PGY 2110C - Color Photography 3
Prerequisites: PGY 2401C and PGY 3410C. The aesthetics and technology of color photography. Differences in various color films and the use of filters. Assignments in color transparencies and color negative printing. (A material fee of $40 will be assessed.)

PGY 2401C - Photography, Black and White 3
Laboratory procedures, methods and materials in the use of the camera; technical darkroom and creative applications for individual expression and commercial potential in photography. A 35mm or 120 roll-type camera is required. (A material fee of $40 will be assessed.)

PGY 3410C - Intermediate Photography 3
Advanced techniques in black and white and in color. Assignments in photo illustration and the use of photography as a subjective means of expression and communication; its application as an art form and use in cultural documentation. (A material fee of $40 will be assessed.)

PGY 3801C - Digital Imaging for Photo Majors 3
Prerequisite: PGY 2401C. This course involves contemporary computer technology for use in photography. Students apply software as a creative tool for darkroom functions. Projects in black and white, and color manipulation are required. Basic computer competency is required. (A material fee of $40 will be assessed.)

PGY 4201C - Advanced Lighting Principles 3
Prerequisites: PGY 2401C; PGY 3410C; PGY 2110C. This course introduces the student to artificial sources of light. These sources are studied and analyzed to enable the student to discern and employ light effectively and creatively through the use of studio lighting and non-studio flash photography. (A material fee of $40 will be assessed.)

PGY 4220C - Advanced Photo Illustration 3
Prerequisites: PGY 2401C; PGY 3410C; PGY 2110C; PGY 3801C. Course emphasis is on studio photography with strong concentration in large format (4x5) camera techniques for commercial application. Students are required to solve specific conceptual and design problems. Emphasis is placed on achieving professional results comparable to contemporary advertising and media images. (A material fee of $40 will be assessed.)

PGY 4422C - The Fine Print 3
Prerequisites: PGY 2401C and PGY 3410C. This course is designed to teach the methods and techniques inherent in making “Fine Prints.” The Fine Print is defined as a final print that contains all correct tonal values for the given subject base on the zone system.
PGY 4443C - Photo Arts
Prerequisites: PGY 2401C and PGY 3410C or permission of instructor. This course will explore alternative ways of imaging with photographic materials. Emphasis will be on historical and contemporary techniques, as well as on the hand-altered photograph and its potential for artistic expression. (A material fee of $40 will be assessed.)

PGY 4470C - Senior Photo Portfolio
Senior Status photography students only. Students work on preparation of a final portfolio, based on individual style and concept development based on the student’s need of continued education, or professional placement. (A material fee of $40 will be assessed.)

PGY 4610 - Photojournalism
Prerequisite: PGY 2401C or equivalent competence and JOU 2100. Camera reporting and feature photography; practice in telling a story with pictures for the mass media; ethical practices in photographic use in publication. Student supplies own camera and materials. (A material fee of $40 will be assessed.)

Biology
BOT 2010C - Botany
Prerequisite: BSC 1010C. This course is a study of plant anatomy, morphology, physiology, and diversity. There will be three credits lecture and one credit (3 hours) laboratory in the course. (A laboratory fee of $25 will be assessed.)

BOT 3151C - Local Flora
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. Study of the morphological features of vascular plants and practice in identification of plants. Elementary ecology of principle types of plant communities of Northeast Florida. Emphasis on native plants. Three hours lecture, two hours laboratory, two hours field work. (A laboratory fee of $25 will be assessed.)

BOT 3712C - Plant Systematics and Evolution
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. In this course students will study plant evolution, classification, and identification. Plant species concepts and breeding systems will also be studied. Comparisons will be made between traditional methods of classification and the more modern methods that utilize molecular biology and numerical taxonomy. There will be three credits lecture and one credit (4 hours) laboratory in this course. (A laboratory fee of $25 will be assessed.)

BOT 4503C - Plant Anatomy and Physiology
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. This course will investigate the anatomy, physiology and major biochemical pathways of the higher plants. (A laboratory fee of $25 will be assessed.)

BSC 1005C - Principles of Biology
This course is designed to introduce students to the science of life. This survey will cover topics ranging from the molecular components of the cell, to the interaction of organisms with their environment. The goal of this course is to familiarize students with diverse components of life, provide an opportunity for students to work in the laboratory, as well as introduce the major areas of study within the discipline.

BSC 1010C - General Biology I
An introduction to biology with emphasis on the cellular level. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

BSC 1011C - General Biology II
Prerequisite: BSC 1010C or equivalent. This course studies the diversity, evolution and systematics of organisms from viruses to vertebrates. There will be three hours of lecture and four hours of laboratory in this course. (A laboratory fee of $25 will be assessed.)

BSC 1930 - Current Applications in Biology
In this course biological principles and research are applied to modern life. Topics will vary from semester to semester.

BSC 2020C - Human Biology
This is an introduction to the science of biology with emphasis on the structures and functioning of the human organism. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

BSC 2085C - Human Anatomy and Physiology I
This course includes units concerning the organization of the human body, support and movement, the nervous system and special senses, and the endocrine system. Three hours lecture and four hours laboratory. (A laboratory fee of $25 will be assessed.)

BSC 2086C - Human Anatomy and Physiology II
Prerequisite: BSC 2085C. This course is a continuation of BSC 2085C and includes units concerning the cardiovascular and respiratory systems, lymphatic and immune systems, digestion and metabolism, the urinary system and fluid and electrolyte balance, and reproduction and development. Three hours lecture and four hours laboratory. (A laboratory fee of $25 will be assessed.)

BSC 2930 - Selected Topics - Biology
v. 2 - 4
Prerequisite: Permission of instructor. Variable topics in biology appropriate for students in their freshman or sophomore years.

BSC 3052 - Conservation Biology
Prerequisites: BSC 1010C, BSC 1011C and BSC 2020C. This course will investigate the major causes responsible for declining global biodiversity and its implications.

BSC 3053 - Health Effects of Environmental Pollutants
Prerequisites: BSC 1011C and BSC 2020C. This course is about the environment, specifically about the substances called pollutants and how they affect the living organisms on this planet. This course will examine the major groups of pollutants in terms of their sources, levels in the environment and their actual effect on living systems. Three hours lecture.

BSC 3057 - Introduction to Environmental Studies
This course represents the core foundation course for the interdisciplinary Environmental Studies minor. Topics cover a broad range of environmental issues in order to lay the foundation for the understanding of complex environmental issues and the interactions between human behavior, technology, and the natural environment. Course content provides an introduction to issues of biodiversity, appreciating human impact, principles of sustainability, biotechnology, resource conservation, legal and policy issues, ethics, and ecopsychology. (This course cannot be used by biology majors to satisfy degree requirements.)
BSC 4054 - Environmental Toxicology
Prerequisites: CHM 2045C, CHM 2046C, BSC 1010C, BSC 1011C, and BSC 2020C. This course involves the study of toxic substances occurring in both man-made and natural environments. Subjects discussed in Environmental Toxicology will range from the effects of environmental toxins on individual organisms to global implications of the toxicology of widely used organic and inorganic pollutants.

BSC 4905 - Directed Independent Study in Biology v. 2 - 4
Prerequisite: Permission of instructor. Participation in a research investigation under the supervision of an instructor. May be repeated for a total of 9 credits.

BSC 4930 - Selected Topics in Biology v. 1 - 4
Prerequisite: Permission of instructor. This course deals with various recent advances in biology. May be repeated for a total of 12 credits.

BSC 4931 - Senior Seminar in Biology
Prerequisite: Senior standing or permission of department. Field, laboratory or library studies will be required in senior seminar. Students who choose field or lab studies must complete BSC 4905 - Directed Independent Study before enrolling in senior seminar. Note: Senior Seminar is only offered fall and spring semesters. May be repeated for a total of 12 credits.

MCB 2013C - Microbiology
Prerequisites: BSC 1010C and CHM 2045C. The spectrum of the microbial world with emphasis on cell structure, reproduction, and physiology. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

MCB 3203 - Pathogenic Bacteriology
Prerequisite: MCB 2013C (with instructor permission) or MCB 3930C. This course will develop into the biological basis of infectious disease. It will emphasize bacterial infection, the principles of the host-parasite relationship, the pathogenic characteristics and virulence factors of microorganisms, and the various modes of action of antimicrobial agents. Three hours lecture.

MCB 3212 - Biological and Medical Aspects of the Acquired Immune Deficiency Syndrome
Prerequisites: BSC 1010C or permission of instructor. This course offers information on the biology of human defense and failure of that defense which results in HIV disease/AIDS. Topics include the biology and immunology of the AIDS virus, its opportunistic infections, clinical reasons for therapy failure, prevention, prevalence in U.S. and other countries and HIV testing.

MCB 3930C - Microbial Biology
Prerequisites: BSC 1010C, BSC 1011C, BSC 2020C, CHM 2045C and CHM 2046C. The diversity of the microbial world will be examined by characterizing the structure, nutritional requirements, growth and metabolism of representative microbes. This course will introduce microbial genetics, symbiotic associations, immunology and pathogenicity. This is intended for science majors as an introductory course in microbiology. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

MCB 4503C - Virology
Prerequisites: PCB 3023C and either MCB 2013C or MCB 3930C. Infectious cycles and molecular aspects of bacterial, plant and animal viral replication. The laboratory will deal with isolation and culturing of animal and bacterial virus. Three hours lecture. Four hours laboratory. (A laboratory fee of $25 will be assessed.)

OCE 4930 - Selected Topics in Marine Science v. 2 - 4
Topics will vary from time to time but may include estuarine biology, marine chemistry and mariculture.

PCB 3023C - Molecular and Cell Biology
Prerequisites: BSC 1010C, BSC 1011C, BSC 2020C, CHM 2210, CHM 2210L. A study of cell structure and function with emphasis on the properties of intracellular organelles and their molecular constituents. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

PCB 3043C - Ecology
Prerequisites: BSC 1010C and BSC 1011C. A study of the basic principles involved in the functioning of ecological systems, with special reference to the major terrestrial and aquatic ecosystems of Florida. Three hours lecture, four hours laboratory and field work. (A laboratory fee of $25 will be assessed.)

PCB 3063C - Genetics
Prerequisites: BSC 1010C, BSC 1011C, BSC 2020C, CHM 2045C, CHM 2046C. Principles of classical and molecular genetics revealed by studies on nuclear and extranuclear inheritance. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

PCB 4233 - Immunology
3
Prerequisite: PCB 3023C. Introduction to the major concepts in modern basic immunology with an emphasis on the relevant immunological mechanisms in pathogenesis of different diseases and pathological conditions. Emphasizes the transposition of basic science information into clinical problems through use of immunopathological concepts. Three hours lecture.

PCB 4234 - Biology of Cancer
3
Prerequisite: Either PCB 3023C or PCB 3063C. This course will provide current information on the molecular, cellular, and genetic changes associated with cancer cells. Cellular and environmental causes of cancer will be discussed, and treatment options will be covered. Students should gain a thorough understanding of cancer at the cellular level by the conclusion of the course.

PCB 4253C - Developmental Biology
4
Prerequisites: PCB 3023C, PCB 3063C. A study of gametogenesis, fertilization, and embryogenesis at the descriptive and molecular levels and of related developmental problems such as regeneration and carcinogenesis. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

PCB 4301C - Limnology
4
Prerequisites: PCB 3043C, CHM 2045C, and CHM 2046C. This course involves the study of inland waters. The current definition of inland water includes lakes, streams, estuaries, and wetlands. Subjects include physical, chemical and biological limnology. (A laboratory fee of $25 will be assessed.)

PCB 4713C - Physiology
4
Prerequisites: CHM 2211, CHM 2211L, PCB 3023C, PHY 2054, and PHY 2054L. The study of functional activities and interactions of cells, tissues and organs, with emphasis on respiration, excitation, transport phenomena, and control mechanisms. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

ZOO 2203C - Invertebrate Zoology
4
Prerequisite: Zoology or equivalent. A survey of the invertebrate phyla from the protozoa through the lower chordata, emphasizing comparative aspects of morphology and embryology as well as
ecology and distribution. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

ZOO 3713C - Comparative Vertebrate Anatomy 4
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. This course will compare the evolutionary morphology of the Chordata. The lecture will be supplemented with the laboratory dissection of representatives including the shark, mudpuppy, and cat. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

ZOO 4234C - Parasitology 4
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. Anatomy, physiology, life cycles, epidemiology and control of protozoan and helminth parasites that affect vertebrates. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

ZOO 4454C - Ichthyology 4
Prerequisites: BSC 1011C and BSC 2020C. Ichthyology is the study of fishes. Topics covered during this course include anatomy, physiology, taxonomic diversity, life history, and ecology of fishes. Different techniques for the study of fishes will be introduced during the laboratory. (A laboratory fee of $25 will be assessed.)

ZOO 4462C - Herpetology 4
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. Study of the natural history of amphibians and reptiles with emphasis on systematics and evolutionary adaptations. Three hours lecture, two hours laboratory and two hours field work. (A laboratory fee of $25 will be assessed.)

ZOO 4715C - Introduction to Canine Anatomy 4
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. In this course we will study the dog as a model of mammalian anatomy. The course has obvious appeal to students pursuing studies in veterinary medicine, but those interested in other pre-professional fields will definitely benefit. The emphasis will be heavily on laboratory dissections, which are held three times a week, and will be supplemented with two lectures a week. The dissection approaches are often those taken for surgery, and many structures not located in previous courses will be found. Students will work in groups of up to four, and, to assure that all students are actively involved, dissection duties will be rotated daily within groups.

ZOO 4753C - Histology 4
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. This course focuses on the structure and function of cells, tissues and organs. Students will learn to identify all major cell types and their functions in the human body. Lecture material will be integrated in the lab through histological diagnostics at the light microscope and preparation of microscope slides. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

ZOO 4823C - General Entomology 4
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2020C. This course will investigate the taxonomy, structure, physiology and ecology of the major evolutionary lineages of the insects.

Chemistry

BCH 3023C - Bioorganic Chemistry 4
Prerequisite: CHM 1025C. The carbon chemistry of biological substances, the structure and function of biological molecules and elementary metabolism. (Cannot be used by natural science majors to satisfy degree requirements). Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)
CHM 2930 - Selected Topics in Chemistry v. 2 - 4
Prerequisite: Permission of instructor. Variable topics in chemistry appropriate for students in their freshman or sophomore years.

CHM 3120C - Quantitative Analytical Chemistry 4
Note: Students are required to bring a combination lock to class on the first day of lab. Prerequisite: CHM 2046C or equivalent. Principles and practice of quantitative analysis with emphasis on gravimetric and titrimetric methods. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

CHM 3610C - Inorganic Chemistry 4
Note: Students are required to bring a combination lock to class on the first day of lab. Prerequisite: CHM 4410C. Corequisite: CHM 2211, CHM 2211L. A study of inorganic chemical systems based upon the principles of physical chemistry. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

CHM 4130C - Modern Analytical Chemistry 5
Prerequisites: CHM 3120C, CHM 4410C. This course emphasizes instrumental methods of analytical investigation including atomic absorption spectroscopy, potentiometry, electrogravimetry, nuclear magnetic resonance spectroscopy, gas chromatography/mass spectrometry and high performance liquid chromatography. Three hours lecture, four hours of scheduled laboratory, additional unscheduled laboratory work required. (A laboratory fee of $25 will be assessed.)

CHM 4260C - Advanced Organic Chemistry 4
Note: Students are required to bring a combination lock to class on the first day of lab. Prerequisites: CHM 2211, CHM 2211L. An in-depth study of the bonding theory (including valence bond and molecular orbital approach). Stereochemistry, conformation, structure and reactivity, kinetic and non-kinetic techniques of determining organic reaction mechanisms, some modern synthetic methods and introduction to pericyclic reactions. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

CHM 4410C - Physical Chemistry I 4
Prerequisites: CHM 2046C or equivalent, PHY 2054/PHY 2054L or PHY 2049/PHY 2049L, MAC 2312. Energetics and chemical affinity; states of matter and changes of state; solutions. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

CHM 4411C - Physical Chemistry II 4
Prerequisite: CHM 4410C. Reaction rates; interfaces; the chemical bond; photochemistry. Three hours lecture, four hours laboratory. (A laboratory fee of $25 will be assessed.)

CHM 4473 - Introduction to Quantum Chemistry 3
Prerequisite: CHM 4411C. The application of Schrodinger’s equation to the problems of atomic structure and chemical bonding. Three hours lecture.

CHM 4910 - Chemical Research v. 2 - 4
Prerequisite: Junior or senior standing and consent of instructor. Laboratory or field research in collaboration with chemistry faculty. No more than 4 hours will count towards chemistry electives. (A laboratory fee of $25 will be assessed.)

CHM 4930 - Selected Topics in Chemistry v. 1 - 4
Prerequisite: Permission of instructor. Variable topics as related to recent advances in chemistry. May be repeated for a total of 12 credits.

CHM 4931 - Senior Seminar in Chemistry 1
Prerequisite: Senior chemistry major or permission of department. Library research, including the use of Chemical Abstracts and Science Citation Index will be required in this course. In addition, an oral presentation and written paper are required. Students wishing to include laboratory research should enroll in CHM 4910, Chemical Research, prior or simultaneously to this course. Note: Senior Seminar is only offered fall and spring semesters.

CHM 4970 - G(3) Honors Research v. 1 - 6
Prerequisites: Admission to the Honors in the Major track in chemistry and CHM 4910. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. The student will prepare an Honors thesis, which will be presented at a departmental seminar. Students must enroll for six hours total, which will usually be spread over two semesters.

CHS 2441 - Chemistry of Hazardous Materials 3
An introduction to the physical and chemical properties of hazardous chemical substances. Topics include: elementary chemical principles; corrosive, water-reactive, toxic and radioactive materials; hazardous organic materials; chemical explosives; safe handling techniques and emergency procedures. (Cannot be used by chemistry majors to satisfy upper-level degree requirements). Three hours lecture.

CHS 4445 - Environmental Chemistry 3
Prerequisites: CHM 3120C, CHM 2210, CHM 4410C. This course examines the sources, reactions, transport, effects and fates of chemical species in the water, soil and air environments. Three hours lecture.

CHS 4445L - Environmental Chemistry Laboratory 1
Corequisite: CHS 4445. This laboratory course will demonstrate some of the techniques for monitoring substances in the environment. Students will be expected to work independently on problems related to real environmental problems or principles. Four hours laboratory. (A laboratory fee of $25 will be assessed.)

Communications
ADV 3000 - Principles of Advertising 3
Theory, principles and functions of advertising; its role in economic, social and marketing structure. Copy and design in newspapers, magazines, radio and television are studied. Projects involving preparation of a simple campaign and its ads.

ADV 3003C - Layout and Production 3
Layout and production of mechanical art work for printing processes, including layout mechanics and skills, photoscaling, typography, and computer based publishing.

ADV 3101 - Advertising Copywriting 3
Prerequisites: ADV 3000 and MMC 3105. Preparation and production of advertising copy for all media.

ADV 3200 - Advertising Design 3
Prerequisite: ART 2605C. The problems of designing graphic material to sell products and services. The preparation of roughs and comps and their presentation. The effective use of illustration, typography, and photography. Open to literature, communications and marketing majors.

ADV 3300 - Media Planning 3
Prerequisites: ADV 3000 and MMC 3105. This course will teach
students to critically and strategically plan, select and evaluate media for advertising purposes. The principles of media planning and buying will be emphasized. Students will study audience measurement, media research, audience segmentation and marketing strategies.

**ADV 4800 - Advertising Campaigns**
Prerequisites: ADV 3000, ADV 3101 and MMC 3105. This course is designed to give students an opportunity to plan and execute a full-scale advertising campaign. The students will develop and analyze a specialized advertising plan designed to reach designated target audiences for a specific client. The plan will incorporate all elements necessary to implement an effective campaign.

**JOU 3101 - Advanced Reporting**
Prerequisite: MMC 3105. Reporting techniques, interviewing and the basic process of print news production are covered. In addition, the course introduces students to various reporting coverage specialties, including courts, business, government, science and law enforcement. Students will be involved in completing both in-class and out-of-class assignments.

**JOU 3204 - Principles of Journalism**
This course offers an historical investigation of American journalism. The course examines American journalistic development and history as a product of the social, cultural, historical, and political environment.

**JOU 3302 - Writing Editorials, Columns and Critical Reviews**
Prerequisites: MMC 3105 and JOU 3101. This course introduces students to the practice of persuasive or opinion writing through the writing of editorials, columns and critical reviews.

**JOU 3308 - Magazine Feature Writing**
Prerequisites: MMC 3105 and JOU 3101. This course introduces students to techniques used in writing feature stories for magazines. Students will be involved in selecting, researching and writing their own stories, which they will attempt to sell to appropriate magazine markets.

**JOU 3925 - Applied Journalism (Print)**
Prerequisites: MMC 3105 and JOU 3101 or consent of the instructor. This course provides students with a supervised experience in news writing and editing utilizing either the campus newspaper or another local newspaper or magazine. Students will receive hands-on experience in writing feature and news as well as some specialized stories. Applied Journalism may be repeated up to six credits, but not for major credit.

**JOU 3930 - Special Topics**
This course will explore issues in journalism.

**JOU 4117 - Seminar in Reporting Techniques**
Prerequisites: MMC 3105 and JOU 3101 or consent of the instructor. Students enrolled in this course will explore advanced, topical news reporting and writing techniques. Topics may include precision journalism, diversity journalism, research techniques, interviewing techniques, and various reporting, specialties, such as sports, the arts, public affairs or the environment.

**JOU 4202 - Advanced Newspaper Editing**
Prerequisites: MMC 3614, MMC 3105, and JOU 3102. This course emphasizes news selection and judgment, creativity in editing and presentation, and design for the World Wide Web. Students will complete print and online publications using student reporting assignments.

**JOU 4224 - Advanced Newspaper Design**
Prerequisites: MMC 3614, MMC 3105, JOU 3204, JOU 3102 and JOU 4202. Advanced Newspaper Design is a continuation of Advanced Newspaper Editing (JOU 4201). This course emphasizes news selection and judgment, creativity in editing and presentation, and design for the World Wide Web. Students will complete print and online publications using student reporting assignments.

**MMC 1004 - Media Literacy**
This course is designed to acquaint the student with the nature of mass media systems and their impact on society. The course seeks to generate an understanding of production methods, economic influences and behavioral effects of media.

**MMC 2701 - CD - Communicating Across Cultures**
This course will review the issues involved in effective cross-cultural communication, at the levels of both interpersonal communication and communication through the mass media. Students will be encouraged to explore their own cognitive barriers to communicating across cultures and ways to overcome those barriers.

**MMC 2932 - Special Topics in the Mass Media**
Students will explore issues of topical importance within the mass media. Issues will vary from semester to semester. May be repeated up to a total of 12 credits.

**MMC 3105 - Advanced Writing for the Media**
This course is an advanced, skills-based writing experience designed to prepare students to enter discipline-specific writing courses at the upper division. The course focuses on writing techniques used by communications professionals. Weekly lectures and small, intensive writing labs enable students to develop strong, professionally oriented writing skills.

**MMC 3130 - Presentation and Design**
Prerequisites: MMC 3614, MMC 3105, PUR 3000 and PUR 3100. This course covers the design and production of collateral publications for public relations. Topics will include audience considerations, budget limitations, design principles and printing processes. The course will focus on writing and designing publications using desktop technology.

**MMC 3205 - Law and Ethics in Communications**
Prerequisite: MMC 3422. Study of mass communications ethics, codes and performance. First Amendment law, libel, privacy and other legal aspects of communications are explored. Case-study questions.

**MMC 3422 - Information Gathering**
Prerequisite: MMC 3614. This course focuses on providing students with the information gathering skills necessary for work in the mass media. Students will learn how to access information through interviews, library holdings, databases, polls and surveys, and documents. The course will also introduce students to new technologies as a source for information.

**MMC 3609 - Public Opinion and Persuasion**
Prerequisites: MMC 3614 and MMC 3422. Studies on theories and research findings on opinion formation. Relationship of the communication process, persuasion and attitude change. Functions of communication in diffusion of information and opinion formation.

**MMC 3614 - Principles of Media and Society**
This course introduces the student to the history and development of the mass media; basic legal and ethical issues; the economy of mass
communications; the globalization of the media; and the effects of media on individuals.

**MMC 3932 - Special Topics in Mass Communications** 3
Prerequisites: MMC 3614, MMC 3105 and MMC 3422. This course explores the structure, function, process and impact of the mass media in both the United States and abroad. Topics will vary from semester to semester. May be repeated up to a total of 12 credits under different topics.

**MMC 4420 - Mass Communications Research** 3
Prerequisites: MMC 3614 and MMC 3422. This course introduces students to mass communications research techniques and topics. Students will explore various social science research methods, including surveys, experiments and field research. Students will be expected to create and implement one or several research projects during the course.

**MMC 4905 - Independent Study** v. 1 - 3
Prerequisite: Consent of instructor or department chairperson. May be repeated for a maximum of 12 credits under different topics.

**MMC 4930 - Seminar** v. 1 - 3
Prerequisites: MMC 3614, MMC 3105, MMC 3422 and consent of instructor. May be repeated for a maximum of 6 credits under different topics.

**MMC 4975 - Senior Project** 3
Prerequisites: MMC 3614, MMC 3105, MMC 3205 and MMC 3422. The capstone course is an opportunity for students to demonstrate that they have achieved the goals of learning established by the university, the college and the department. The course integrates course work, knowledge, skill and experience to demonstrate a broad mastery of learning across the curriculum. The Mass Communications faculty firmly believes that all mass communications students should engage in a professional internship that provides a significant, realistic component to the student’s education. The focus of the internship is not in isolation, but in the larger framework of the student’s education. Credit for such professional experience should be noted on the transcript. Academic credit for this course is limited to one three-hour course. The Mass Communications faculty recognizes that there may be exceptional cases that prevent a student from participating in a professional internship. It is assumed, however, that exceptions to the internship will be extremely rare and only after the student has submitted their request and justification in writing. Option 1: A substantial research paper. Option 2: A major project in the student’s field that allows the faculty to fully evaluate the student’s skills.

**PUR 3000 - Principles of Public Relations** 3
Survey of principles, policies and practice of public relations, focusing on planning, publics, techniques and agencies utilizing public relations. Individual or team projects involving actual public relations “clients.”

**PUR 3100 - Public Relations Writing** 3
Prerequisites: PUR 3000 and MMC 3105. Survey and practice in techniques of publicity writing in public relations. Layout of actual publicity campaign and preparation of information kits. Stress on actual uses with cooperating agencies.

**PUR 4400 - Crisis Communications** 3
Prerequisites: PUR 3000 and MMC 3105. Students will analyze the potential for crisis in various types of organizations. Students will examine factors in crisis situations, including development of crisis plans, coordination of internal disciplines, collection and dissemination of information, and restoration of public confidence. Research emphasis is on written and oral presentations.

**PUR 4800 - Public Relations Campaigns** 3
Prerequisites: PUR 3000, MMC 3105, and MMC 3422. This course involves students in the practical analysis and development of specialized communication materials aimed at gaining attention and support from target audiences. Students will analyze and develop campaign plans. As a member of a public relations team, they will select a client from the community, design a complete public relations campaign, and make a presentation to the client, including a plan for implementation.

**PUR 4801 - Public Relations Cases** 3
Prerequisites: PUR 3000, MMC 3105 and MMC 3422. Preparation and analysis of various public relations cases so as to study the decision-making in public relations as well as how various elements enter into the managerial and technical side of public relations. Part of course will use agency or team approach, along with simulation and other role-playing techniques.

**RTV 2230 - Radio and Television Announcing** 3
Prerequisites: MMC 1004 and MMC 3105. This is a performance course designed to teach students how to use their voices for radio and television. It includes exercises in announcing, news reading and interviewing. It focuses on how to deliver clear, well-enunciated narrations in a conversational style, emphasizing proper use of pitch, diction and interpretation.

**RTV 3000 - Principles of Broadcasting** 3
This course is a study of the processes, elements, uses and impact of broadcasting, cablecasting and multimedia. The course includes an introduction to broadcasting history, theory, research and new technologies.

**RTV 3101 - Advanced Broadcast Writing** 3
Prerequisites: MMC 3105, MMC 3614, and RTV 3000. This course is designed to provide a thorough understanding of the principles and practice of broadcast writing. Students will learn through practical exercises in various broadcast writing formats. The emphasis is to help the student develop critical skills in evaluating their own work and the work of their peers and to learn how to work as a team to create a script.

**RTV 3220C - Television Production/Visual Arts Television** 3
Prerequisite: MMC 3105. This course introduces students to the practices of television production, including camera and lighting, as well as production planning and execution through the utilization of the crew system. (A material fee of $15 will be assessed.)

**RTV 3930 - Special Topics** 3
Prerequisites: MMC 3105 and RTV 3000. This course will explore issues in radio and television.

**RTV 4221C - Advanced Television Production** 3
Prerequisite: RTV 3220C. This course will provide continuing instruction in television techniques learned in RTV 3220C. Advanced electronic field production will be utilized in the studio and on-location. There will be 6 hours of lab time per week.

**SPC 2060 - Fundamentals of Speech** 3
Introductory course emphasizing current theories of communication, audience analysis and persuasion. Preparation and presentation of speeches on topics of current concern. Conferences, evaluations and videotape replay provide personalized assistance. May be taken to satisfy teaching certification requirement in speech.
Spc 2600 - Public Speaking
Prerequisite: SPC 2060 or equivalent. Principles of and practical experience in public speaking. Emphasis on ethical responsibility, careful selection and development of ideas, and logical organization of expository/argumentative/persuasive discourse.

Spc 4064 - Public Speaking for Professionals
This course examines speaking as a workplace activity and provides students with experience in public speaking. The lectures will concentrate on communications theory, including but not limited to models of communication, interpersonal communication, group communication, persuasion, decision making and audience analysis and adaptation. The labs will be performance oriented.

Criminal Justice
CCJ 2002 - Crime in America
This course is an introduction to the study of criminology/criminal justice. The course includes topics on: the crime problem in the U.S.; crime patterns and criminal behaviors; explanations for crime; systems of justice designed to deal with crime and their underlying philosophies; and preventive strategies.

CCJ 3023 - Justice Systems
Prerequisite: CCJ 2002. This course offers a comprehensive analysis and critique of a variety of criminal justice systems. Community and private systems are employed to introduce the more common public justice models. Current models of American justice are compared to others, both domestic and foreign.

CCJ 3603 - Explanations for Crime: Criminological Theory
Prerequisite: CCJ 2002. This course examines the ways crime has been explained in western society, with primary emphasis on scientific explanations since the 1700s. The entire range of criminological theory, from demonism to Marxism, and the social policy implications of each, will be addressed, along with the basics of theory construction and evaluation.

CCJ 3930 - Criminal Justice Junior Seminar
Prerequisite: CCJ 2002. This seminar is designed for criminal justice majors to enhance their understanding of the field of criminal justice. The content of the seminar explores curriculum alternatives within the discipline and surveys career choices at the bachelor and graduate degree levels.

CCJ 4283 - Philosophy of Law and Justice
An exploration of the philosophical bases of jurisprudence, with special attention to the relation between law, order and justice; an analysis of the moral rationale for punishment and the legalization of morality.

CCJ 4501 - Juvenile Delinquency and Juvenile Justice
A study of the definitions and etiology of delinquent behavior; the adjudication process for juveniles, both in theory and practice; and treatment procedures.

CCJ 4604 - Insanity and Crime
This course examines the relationship between various forms of mental illness and crime, especially felony crime. Emphasis will also be placed on the role of the insanity defense on criminal trials involving capital crimes such as homicide and rape. Public opinion regarding the insanity defense will also be considered.

CCJ 4662 - Minorities and Crime
This course examines the role of crime (primarily felony crimes) in the lives of various minorities within American society. Emphasis will be placed on both offense and victimization patterns within the black and hispanic communities. The victimization of women will also be examined.

CCJ 4663 - Women and Crime
This course examines women as criminal offenders, victims and employees of criminal justice agencies. Emphasis will also be given to the topic of treatment of women in the criminal justice system by the police, courts and prison system.

CCJ 4664 - White-Collar Crime
This course examines various definitions and types of white-collar offenses in American society. Special emphasis is given to patterns of such offenses among the most wealthy and powerful societal organizations, the general issue of economic crime and its control and the enforcement of white-collar related laws.

CCJ 4680 - Family Violence
This course is designed to examine the various expressions of violence within the family structure, including child abuse, spouse abuse, and elder abuse. Topics discussed include the psychological and social causes of domestic violence, the transmission of violence from generation to generation, and strategies for alleviating intrafamilial aggression.

CCJ 4905 - Directed Independent Study
Prerequisite: Permission of the program director. Independent study of some aspect of or issues in criminal justice, supervised by a member of the faculty specializing in the area chosen by the student. May be repeated for a total of 12 credits under different topics.

CCJ 4909 - Criminal Justice Honors Research
Prerequisites: Admission to the College of Arts and Sciences Honors Program, CCJ 3603, and SYA 3300. This course provides a vehicle for students admitted to the Criminal Justice Honors program to work closely with a sponsoring faculty member on an individually supervised research project. Students must enroll for six hours total, which will usually be spread over two semesters. Repeat up to six credits.

CCJ 4911 - Controversial Legal Issues
An analysis of selected topics wherein legal decisions are the focus for conflicting ideological, political, moral or economic forces. Designed to enhance the student’s understanding of the legal forum’s role in the resolution of social conflict.

CCJ 4935 - Special Topics in Criminal Justice Administration
Contents of this course vary as instructors present different developments, problems and controversies relating to the administration of the criminal justice system. May be repeated for a total of 12 credits under different topics.

CCJ 4938 - Special Topics in Criminology
Forum for special course offerings in the causes and impact of criminal conduct. May be repeated for a total of 12 credits under different topics.

CCJ 4939 - Criminal Justice Pre-Internship Seminar
Prerequisites: Must be completing the Criminal Justice core courses, 2.0 GPA (overall), and instructor permission. This course is designed to acquaint criminal justice majors with the requirements of the criminal justice internship and prepare them for the internship experience. Students will examine possible internship placements in the community. Additionally, students will be exposed to basic
skills needed in most criminal justice agencies such as interviewing and writing reports.

**CCJ 4940 - Internship in Criminal Justice**  
3  
Prerequisites: Must be completing the Criminal Justice core courses, 2.0 GPA (overall), and instructor permission. A planned program of experience in one or more criminal justice agencies. Supervised placement consisting of a total of 260 hours in-the-field work experience (approximately 20 hours per week) resulting in an in-depth written report in which work experiences are related to theoretical perspectives. Required for all pre-service students.

**CJC 3410 - Methods of Offender Treatment**  
An analysis of the many approaches, methods and techniques that may be employed in the correctional process. Also, an analysis of the rehabilitation process in relation to the offender’s experience with the police, the courts, correctional institutions or service and the general public.

**CJC 4015 - Correctional Systems and Processes**  
Prerequisite: CCJ 3023. This course is an in-depth study of corrections as a series of interlocking systems and the processes that unite them. Focus will be on current American practices, but attention will also be paid to alternative models both domestic and international.

**CJE 4017 - Law Enforcement Systems and Processes**  
Prerequisite: CCJ 3023. This course is a historical and functional analysis of law enforcement in a democratic society. The course includes the analysis of comparative police systems, police roles, careers, values and behavior, and police organization, management and control.

**CJE 4144 - Security and Society**  
The origins and modern meanings of security are explored, especially as they interrelate with law enforcement and public safety, and the importance of security to the public as a whole is studied. The means of implementation in both public and private sectors are examined.

**CJL 3410 - Criminal Law and Procedures I**  
Prerequisite: CCJ 3023. This course covers the definition and concept of crime in Anglo-Saxon legal systems. It includes the common-law origins and subsequent statutory modification and amplification of representative substantive criminal offenses; law of search and seizure; and the exclusionary rule.

**CJL 4111 - Criminal Law and Procedures II**  
Prerequisite: CJL 3410. This course is a study of selected legal topics of interest to the advanced student of criminal justice. The course includes coverage of defense to crimes, constitutional protection of the accused, post-conviction relief, and topics of current interest (such as capital punishments, plea bargaining and non-discriminatory jury selection).

**CJL 4510 - Court Systems and Processes**  
Prerequisite: CCJ 3023. This course examines the American judicial systems, its role and function in the criminal justice process, the actors and processes which drive it, and the outcomes it produces. Topics include the origin of American court structure and processes, criminal trial processes, rules of evidence, and the appellate court system.

**CJE 4017 - Law Enforcement Systems and Processes**  
Prerequisite: CCJ 3023. This course is an in-depth study of corrections as a series of interlocking systems and the processes that unite them. Focus will be on current American practices, but attention will also be paid to alternative models both domestic and international.

**CJE 4144 - Security and Society**  
The origins and modern meanings of security are explored, especially as they interrelate with law enforcement and public safety, and the importance of security to the public as a whole is studied. The means of implementation in both public and private sectors are examined.

**CJL 3410 - Criminal Law and Procedures I**  
Prerequisite: CCJ 3023. This course covers the definition and concept of crime in Anglo-Saxon legal systems. It includes the common-law origins and subsequent statutory modification and amplification of representative substantive criminal offenses; law of search and seizure; and the exclusionary rule.

**CJL 4111 - Criminal Law and Procedures II**  
Prerequisite: CJL 3410. This course is a study of selected legal topics of interest to the advanced student of criminal justice. The course includes coverage of defense to crimes, constitutional protection of the accused, post-conviction relief, and topics of current interest (such as capital punishments, plea bargaining and non-discriminatory jury selection).

**CJL 4510 - Court Systems and Processes**  
Prerequisite: CCJ 3023. This course examines the American judicial systems, its role and function in the criminal justice process, the actors and processes which drive it, and the outcomes it produces. Topics include the origin of American court structure and processes, criminal trial processes, rules of evidence, and the appellate court system.

**Economics**  
Economics courses are listed in the College of Business Administration course description section.

**Foreign Languages**  

**FOL 1950 - Beginning Foreign Language Study Abroad**  
3 - 6  
Prerequisite: Permission by program director. Students can earn up to six hours of credit through study of foreign language abroad at the beginning level. Prior approval is necessary.

**FOL 2930 - Beginning Foreign Language I**  
Introductory intensive training in such languages as Arabic, Hebrew, Hindi, Japanese, Latin, Mandarin Chinese, Portuguese, and Russian. May require a lab. May be repeated for credit for different languages. Title varies with offering. May not be taken for credit by students with six or more hours of college credit in the target language.

**FOL 2931 - Beginning Foreign Language II**  
Prerequisite: FOL 2930 in the target language or equivalent proficiency. Continued intensive training in selected languages. May require a lab. May be repeated for credit for different languages. Title varies with offering. May not be taken for credit by students with twelve or more hours of college credit in the target language.

**FOL 2952 - Intermediate Foreign Language Study Abroad**  
3 - 6  
Students can earn up to six hours of credit through study of foreign language abroad at the intermediate level. Prior approval, awarded on a case-by-case basis, is necessary.

**FOL 3930 - Special Topics in Foreign Languages**  
2 - 4  
Intensive training in such languages as French, Spanish and Portuguese, as resources and interests allow or intermediate and advanced training in French and Spanish. May require a lab. May be repeated up to 12 credits for different languages and levels. Title varies with offering.

**FOL 3953 - Advanced Foreign Language Study Abroad**  
3 - 6  
Students can earn up to six hours of credit through study of foreign language abroad at the advanced level. Prior approval, awarded on a case-by-case basis, is necessary.

**FOL 4905 - Directed Independent Study in Foreign Languages**  
1 - 3  
Selected foreign languages such as French and Spanish offered on an individual basis with self-instructional materials and a tutor. May be repeated up to 12 credits under different topics.

**FOT 3510 - FC - Love in the Middle Ages**  
3  
This course explores the ways in which love inspired and troubled our predecessors in the cultures of Medieval Europe, and reveals to us the roots of many of our modern conceptions of romantic love, sex, and marriage. Readings include courtly and Arthurian literature, bawdy tales, and other contemporary works, as well as modern historical evaluations. This course satisfies the Foreign Culture requirement.

**FOT 3552 - FC - Women of the Muslim-Arab World**  
3  
This course examines the changing roles of women in the Arab world through historical, anthropological, sociological, and fictional readings. The language of instruction is English. This course satisfies the Foreign Culture requirement.
FOT 3931 - FC - Studies in Foreign Culture
Study of topics in foreign culture using materials in English. See
Department of English and Foreign Languages for individual course
description. May be repeated up to 12 credits under different topics.

FRE 1120 - Beginning French I
This course stresses the development of communicative and
functional language use at the beginning level. This course gives the
student the opportunity to develop a basic ability to read, write,
speak and comprehend modern French. Native speakers of French
may take this course only with the permission of the Foreign
Language Coordinator.

FRE 1121 - Beginning French II
Prerequisite: FRE 1120 or equivalent. This course is the second half
of the beginning French sequence. Students will continue to acquire
the basic ability to read, write, speak and comprehend modern French. The beginning sequence prepares students for the intermediate
level in French. Native speakers of French may take this course only with the permission of the Foreign Language Coordinator.

FRE 2240 - Intermediate French I
Prerequisites: FRE 1120 and FRE 1121. This course stresses the
development of communicative and functional language use at the intermediate
level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native speakers of French may take this course only with permission of the Foreign Language Coordinator.

FRE 2241 - Intermediate French II
Prerequisite: FRE 2240. As the second half of the sequence for intermediate-level French, this course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native speakers of French may take this course only with permission of the Foreign Language Coordinator.

FRE 3280 - Listening Skills in French
Prerequisite: FRE 2240. Corequisite: FRE 2241. This course provides training in the development of good listening skills in French, with an emphasis on understanding regional accents and expressions, broadcast journalism, and colloquial speech patterns in French. Native speakers of French may take this course only with permission of the Foreign Language Coordinator.

FRE 3402 - Advanced French Conversation
Prerequisites: FRE 2240 and FRE 2241, or permission of instructor. This course promotes the development of advanced skills in conversation and comprehension with emphasis on normative aspects of spoken French; it will include conversation on different topics. Native speakers of French may take this course only with permission of the Foreign Language Coordinator.

FRE 3420 - Advanced French Grammar
Prerequisites: FRE 2240 and FRE 2241 or permission of instructor. This course presents an intensive review of French grammar including an in-depth analysis of the finer points of French syntax not usually covered in beginning and intermediate level courses; includes practice in written expression. Native speakers of French may take this course only with permission of the Foreign Language Coordinator.

FRE 3440 - French for the Professions
Prerequisites: FRE 2240 and FRE 2241 or permission of instructor. This course provides students with the vocabulary and communicative skills related to different professions such as business and law. The language of instruction is French. Native speakers of French may take this course only with permission of the Foreign Language Coordinator.

FRE 4422 - Advanced French Composition and Stylistics
Prerequisites: FRE 2240 and FRE 2241. This course is a study of the complexities of written French through readings and extensive writing assignments in the form of themes, sketches, poems, and original stories.

FRE 4501 - France Today
Prerequisites: FRE 2240 and FRE 2241. This course examines the history, culture, politics, and social issues of contemporary France through selected readings of fictional and non-fictional texts, and engages students in the debates in France concerning immigration, the women’s movement, unemployment, socialism, and the role of French intellectuals in a changing society. The course is taught in French.

FRT 3550 - FC - Faces of France
This course examines social, political, literary, and artistic issues in contemporary France through the study of culture, fiction, and film. This course will be taught in English.

FRT 3551 - Francophone African Literatures and Cultures
This course provides an introduction to the literatures and cultures of 20th century francophone Africa. The course focuses on the thematic development of francophone African literature and on the socio-cultural portraits provided by the texts read and the films viewed. This course will be taught in English.

FRT 3800 - French Translation Techniques
Prerequisites: Six hours of intermediate-level French, FRE 2240 and FRE 2241 or permission of instructor. This course provides an introduction to the methods of written and oral translation. We practice translating various styles (journalistic, technical, literary, spoken) of language, with emphasis on the difficulties of translating French to English and English to French.

FRT 4561 - Women in French Literature and Culture
This course is a study of important women writers and cultural figures drawn from the Middle Ages to the present such as Marie de France, Christine de Pisan, Louise Labé, Mme de Lafayette, Georges Sand, Colette, Simone de Beauvoir, Marguerite Duras, Helene Cixous, etc. The professor may choose to focus the course on particular periods or centuries. This course is taught in English.

FRW 3100 - Survey of French Literature: Pre-19th Century
Prerequisites: FRE 2240 and FRE 2241. This course provides a survey of major French texts and authors from the medieval period to the end of the 18th century.

FRW 3101 - Survey of French Literature: The Modern Period
Prerequisites: FRE 2240 and FRE 2241. This course will provide a survey of representative works from the 19th and 20th centuries, with emphasis on the evolution of literature and its relation to society throughout this period. This course is taught in French.

FRW 3810 - Reading French Texts
Prerequisites: FRE 2240 and FRE 2241 or permission of instructor. This course develops skills in reading and analyzing literary and cultural texts, with practice in French "explication de texte."
FRW 4301 - Survey of French Culture Through Theater
Prerequisites: FRE 2240 and FRE 2241. This course is a survey of French theater from Moliere to Beckett with an emphasis on theater as a mirror for social change and as a reflection of the evolution of French culture throughout history.

FRW 4930 - Special Topics in French Literature
Prerequisites: FRE 2240 and FRE 2241. This course constitutes a focused study of an author, period, movement or theme, and may be repeated up to 6 credits with different topics.

JPN 1120 - Beginning Japanese I
This course introduces students to the basics of Japanese grammar, writing, culture and conversation.

JPN 1121 - Beginning Japanese II
Prerequisite: JPN 1120 or permission of instructor. This course introduces students to the basics of Japanese grammar, writing, culture and conversation begun in JPN 1120.

LAS 3005 - FC - Latin American Culture
This course provides an overview of the peoples and cultures of Latin America with emphasis on Mexico, Central America, and adjoining regions of the United States and South America. Special reference to the Latin American immigration to the United States is included. The language of instruction is English.

LAS 3020 - FC - Peoples and Cultures of the Caribbean
This course examines the history, peoples and cultures of this region. Language of instruction in English.

LAS 3031 - FC - Peoples and Cultures of the Southern Cone
This course is a presentation of the history and culture of the people living in Argentina, Chile, Uruguay and Paraguay. The language of instruction is English.

LAS 3033 - Peoples and Cultures of Central America and Mexico
This course examines the history, peoples and cultures of this region in Latin America. The language of instruction is English.

SPN 1120 - Beginning Spanish I
Emphasizing development of practical skills rather than grammatical knowledge, this course will give the student the opportunity to develop the foundations of an ability to read, write, and speak modern Spanish. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 1121 - Beginning Spanish II
Prerequisite: Grade of “C” or above in SPN 1120 or an equivalent course. Emphasizing the development of practical skills rather than grammatical knowledge, this course prepares the student to read, write and speak modern Spanish and prepares the student for more advanced study. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 1133 - Accelerated Beginning Spanish
Prerequisite: Two years of high school Spanish; or one year College Spanish; or permission of instructor. This course provides an accelerated introduction to Spanish for those who have had some Spanish but who are not ready for study at the Intermediate level. The course emphasizes practical listening, speaking, reading, and writing skills. The material covered is equivalent to that covered in SPN 1120-1121. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 2200 - Intermediate Spanish I
Prerequisites: SPN 1120 and SPN 1121. This course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 2201 - Intermediate Spanish II
Prerequisites: SPN 1120, SPN 1121 and SPN 2200. As second half of the sequence for intermediate-level Spanish, this course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 3013 - Spanish for Professions
Prerequisite: SPN 2200. This course provides students with the vocabulary and communicative skills related to different professions, such as business, medicine, or law.

SPN 3040 - Legal Spanish
Prerequisite: SPN 2241 or professor’s permission. This course provides students with the vocabulary and grammar necessary for effective written and oral communication in Spanish in the fields of law and criminology. The course is intended for persons who have basic background in Spanish language and who wish to be able to converse in Spanish in legal matters.

SPN 3240 - Listening and Speaking Skills in Spanish
Prerequisite: SPN 2200. This course focuses on the development of skills in comprehension and production of Spanish. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 3242 - Intermediate Spanish Conversation
Prerequisites: SPN 2200 and SPN 2201. This course develops conversational skills in Spanish at the intermediate level. It includes conversation on directed topics. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 3500 - FC - Peoples and Cultures of Spain
This course examines the history, people and cultures of the different regions of Spain. The language of instruction is English.

SPN 4410 - Advanced Spanish Conversation
Prerequisites: SPN 2200 and SPN 2201. This course promotes the development of advanced skills in conversation and comprehension with emphasis on normative aspects of spoken Spanish; it will include conversation on directed topics. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

SPN 4420 - Advanced Spanish Grammar and Composition
Prerequisite: SPN 2201. Emphasis on the more complicated aspects of Spanish syntax, vocabulary and style.

SPN 4820 - Spanish Dialectology
Prerequisite: LIN 3010. Study and analysis of the synchronic aspects of Spanish.

SPN 4840 - History of Spanish Language
Prerequisite: LIN 3010 or equivalent. This course examines the
history of the Spanish language from the perspective of modern linguistics, from its beginning as a regional variety of Latin to its present status as the fourth most widely spoken language on Earth.

**SPN 4850 - Introduction to the Structure of Spanish**
3
Prerequisites: LIN 3010 or equivalent; SPN 4420. This course examines the structure of Spanish from the perspective of modern linguistics. Topics include phonetics, phonology, morphology, syntax, and problems related to the teaching and learning of Spanish.

**SPN 4905 - Directed Independent Study**
3
Prerequisites: SPN 2200, SPN 2201 and permission of instructor, Foreign Language Coordinator and department chairperson. Directed individual research or study on a topic related to the language and cultures of Spanish speaking peoples. May be repeated up to 12 credits under different topics.

**SPN 4930 - Directed Independent Study**
3
Prerequisites: SPN 2200, SPN 2201 and permission of instructor, Foreign Language Coordinator and department chairperson. Methods of textual analysis of brief literary selections to acquaint students with the basic skills and terminology involved in literary criticism. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator. Variable topics and current issues related to the language and culture of Spanish speaking peoples. May be repeated up to 12 credits under different topics.

**SPN 4970 - Senior Thesis**
3 - 6
Students will submit a thesis or a research project in Spanish under the supervision of a faculty member. This elective is designed for students who plan to become teachers or pursue graduate studies in Spanish.

**SPT 4800 - Translation Techniques**
3
Prerequisite: 6 hours of courses in Spanish conversation and permission of Foreign Language Coordinator. Methods of textual and oral translation. Introduction to simultaneous and consecutive techniques of translation.

**SPW 3030 - Hispanic Readings**
3
Prerequisite: SPN 2200. This course consists of readings and analyses of brief literary selections to acquaint students with the basic skills and terminology involved in literary criticism. Native speakers of Spanish may take this course only with the permission of the Foreign Language Coordinator.

**SPW 3100 - Survey of Spanish Literature**
3
Prerequisites: SPN 2200 and SPN 2201. Survey of peninsular Spanish literature, readings of authors such as Cervantes, Lope de Vega, Becquer, Garcia Lorca, Unamuno, Valle Inclan, and others.

**SPW 3130 - Survey of Latin American Literature**
3
Prerequisites: SPN 2200 and SPN 2201. Survey of major authors of the Spanish literature of Latin America, such as Sor Juana de la Cruz, Gabriela Mistral, Jose Maria Arguedas, Ricardo Palma and Jose Marti.

**SPW 4100 - Survey of Latin American Literature**
3
Prerequisites: SPN 2200 and SPN 2201. Study of writings of selected modern Latin American authors such as Borges, Neruda, Vargas Llosa, Garcia Marquez, Gonzalez-Vania, Isabel Allende, and Gabriela Mistral.

**SPW 4304 - Latin American Genres**
3
Prerequisites: SPN 2200 and SPN 2201. This course examines a Latin American literary genre, such as poetry, essay, short story or the novel. This course may be repeated for a total of 6 credits with a change in subject matter.

**SPW 4400 - Periods of Spanish Literature**
3
Prerequisites: SPN 2200 and SPN 2201. This course examines a specific period in Spanish literature from the Middle Ages to the present. This course may be repeated once for credit with a change in subject matter.

**History**

**AMH 2000 - United States History Survey**
3
This is a one semester course examining significant events and themes of the American past, and the men, women, institutions, ideas and forces that have shaped that past into our contemporary civilization.

**AMH 2020 - United States History since 1877**
3
A history of the United States since 1877 emphasizing industrialization and urbanization, the Progressive period, the New Deal, post-World War II domestic reform and the emergence of the U.S. as a world power.

**AMH 3111 - Early America**
3
The European background of colonization and the evolution of social, political, economic and religious institutions in the colonies to 1763; the development of slavery; white-Indian interactions and their environmental consequences.

**AMH 3130 - American Revolution/Constitution**
3
An examination of the economic, political and social causes and consequences of the American Revolution; the impact of international events on the course of the revolution; and the origins of the Constitution.

**AMH 3150 - Age of Jefferson and Jackson**
3
The era encompassing the lives and careers of Thomas Jefferson and Andrew Jackson, with special reference to the emergence of major political parties and social attitudes and government policies regarding Native Americans and Afro-Americans.

**AMH 3170 - Civil War/Reconstruction**
3
Examines the economic, political, social and moral origins of the war; the course of the conflict; and the meaning and impact of Reconstruction.

**AMH 3192 - Mark Twain’s America**
3
American society, culture, and politics during Mark Twain’s lifetime, 1835-1910, as seen through books written or published by Mark Twain.

**AMH 3202 - The United States Since World War I**
3
Examines the social, political, economic, technological and cultural forces and events that have shaped American history since World War I.

**AMH 3220 - The Making of Modern America 1877-1920**
3
This course examines the transformation of American society from the end of the Civil War era through the First World War in the areas of industrialization, urbanization, immigration, diplomacy, government, culture, and the way Americans thought about themselves.
AMH 3400 - The American South
A study of the American South from colonial origins until the present. Major themes of the region’s history will be considered in a comparative framework and biographies of political leaders will be examined.

AMH 3420 - Florida History
History of Florida from its colonial origins to the present. Economic, social, and political developments in Florida will be compared to other states in the region and in the nation. Case studies of topics in Florida history will focus on Jacksonville and other cities and regions in the state.

AMH 3440 - CD - Peoples of the American West
The course constitutes the history of various groups of people who have populated the American West from pre-Columbian times to the present. The Southwest will be the focal point. Many references, however, will be made to the Pacific Northwest.

AMH 3460 - American Cities and Suburbs
This course examines urban growth from colonial towns and cities to 20th century metropolitan centers. It also focuses on city builders, party bosses and reformers, immigrants and black migrants, slums and suburbs, and popular culture to offer a historical perspective on contemporary American society.

AMH 3511 - The United States in World Affairs
A thematic analysis of U.S. foreign policy from independence to the present. Concepts like self-defense, economic expansion, international policeman and moral crusading are examined in connection with major events.

AMH 3530 - CD - The Peopling of America
The personal and collective experiences of immigrants who arrived in the U.S. during the 19th and 20th centuries, focusing on Irish, Jewish, Swedish, Norwegian, Japanese, Chinese, other Asian Americans, Mexican, and Puerto Rican immigrants.

AMH 3544 - The 1960s and Vietnam
An examination of the key political, economic, and cultural developments in the U.S. during the 1960s, with special reference to the Kennedy and Johnson administrations; and analysis of the Second Indochina War from Vietnamese and American perspectives.

AMH 3554 - G(3) Law and Social Responsibility
This course is a history of the criminal justice system and the legal profession in 20th century America with special reference to the social consequences of the increase in legal personnel, laws, and litigation.

AMH 3571 - CD - Introduction to African-American History
The African-American experience from the colonial period to the Civil War era, from slavery to freedom. Key themes include the evolution of the African-American family and community, and the emancipation and civil rights movements before the 20th century.

AMH 3590 - American Biography
American history through the life and times of notable, and not so notable, men and women, examining how they affected their world as well as how their world affected them.

AMH 3932 - Selected Topics: US History
This course will present selected topics in US history. Subjects will vary according to instructor. The course may be repeated up to five times for a total of 15 credits under different topics.

AMH 4291 - Seminar: 20th Century America
An investigation of topics, eras, or themes in U.S. history in the 20th century. Topics, eras or themes may vary. May be repeated for 6 credits with consent of the instructor.

AMH 4464 - Seminar: History of the American City
Urban America since World War II; federal-city relations, suburbanization and sprawl, urban minorities, urban culture, downtown revitalization, and the rise of the Sunbelt. Special attention will be given to Jacksonville.

AMH 4491 - Seminar: Local History
A research and writing workshop intended for any upper-level student seriously interested in local history. Although the focus of the seminar is the Northeast Florida region, the techniques learned should be equally applicable to any locality in the U.S.

AMH 4514 - Seminar: U.S. Diplomacy
An investigation into topics in U.S. diplomatic history, such as World War II, the Cold War, Inter-American Relations. May be repeated for 6 credits with consent of the instructor.

AMH 4906 - Directed Individual Study
Prerequisite: Written consent of the instructor. May be repeated for 6 credits with consent of chairperson.

ASH 3200 - FC - Ancient Near East
This course provides an introduction to the history and cultures of the ancient Near East. Starting with the origins of civilization in Mesopotamia and Egypt, it traces the spread of cities, writing and literature, the arts, religion and thought throughout the Fertile Crescent, to the rise of Islam. The interactions of the peoples of the Near East — the Sumerians, Babylonians, Assyrians, Hittites, Egyptians, and Hebrews — and the continuity of cultural traditions in the region will be stressed.

ASH 3223 - CD - FC - Middle East
An introduction to the historical forces shaping the Middle East, such as Islam, nationalism, Westernization, and nation-state building. Topics covered include: Islamic civilization, the Ottoman Empire, the Eastern Question, the Arab awakening, the Iranian Revolution, the Arab-Israeli dispute, and the regional and global repercussions of contemporary issues.

ASH 3337 - FC - Gandhi / Modern India
This course scrutinizes recent interpretations of Gandhi’s life and thought, and most especially his roles as a religio-philosophical teacher and a nationalistic political leader. It aims to add new dimensions of knowledge about the Indian leader, his nation, and the world-wide impact of his ideas.

ASH 3400 - CD - FC - 20th Century Chinese Civilization
This course will focus on the problems of continuity and change in Chinese civilization. Topics will include settlement and migration in ancient China, religious traditions, Confucianism, rural society, the family system, dynastic succession, peasant insurrection, the impact of the West, the Chinese revolution, Maoist ideology and post-revolutionary Chinese society.
ASH 3440 - CD - FC - Japanese Civilization
This course aims to provide the student with an introduction to Japanese history and society. Topics will include Japanese ethnocentrism, religious traditions, historical consciousness, village society, urbanism, family life, education, contemporary politics, Japan’s economic miracle, consumerism, sports and the arts. We will look at Japanese as they see themselves.

ASH 3441 - Japan Before 1868
This course covers the period from the ancient creation of the Imperial system through the rise of the military class. Readings will reveal the Japan of gods and goddesses, samurai, the great Buddhist academies and the classic arts of the tea ceremony, gardening, sculpture, literature and martial skills.

ASH 3444 - Japan After 1868
This course examines the conscious creation of the “modern” nation state of Japan, its changing literature, arts and social organization. It concludes with an examination of post-modern (post-war) Japan.

ASH 3448 - CD - FC - Hiroshima
This course examines U.S.-Japanese relations as defined by the atomic bombings of Hiroshima and Nagasaki. The first half of the course focuses on the causes of World War II, as well as the U.S. decision to use the bomb. The second half examines the consequences in Japan and the United States.

ASH 3601 - FC - Chinese Philosophy
Chinese Philosophy traces the historical development of the major, traditional movements in thought, religion, and philosophy. Beginning with the Chinese classics, it explores the ideas of Confucianism, Mohism, Daoism, Legalism, Buddhism, and Neo-Confucianism. Readings in primary sources are emphasized.

ASH 3620 - FC - Asian Art and Culture
Asian Art and Culture explores the various genres in the visual arts of the Islamic world, and the civilizations of India, China, and Japan. The literary and performing arts are examined as they relate to ceramics, sculpture, painting, cinema, and architecture.

ASH 3932 - Selected Topics: Asian History
This course will present selected topics in Asian history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

ASN 2003 - CD - Introduction to Asia
An introduction to the history and culture of Asia. In addition to examining selected aspects of Asia’s past and present, we will also explore the problems of “Orientalism” and the historical standards employed in various chronicles of Asia (required for the minor in Asian studies).

ASN 3106 - FC - Japanese Women
This course examines the place of women in Japanese society, history, literature, religion, and art. It also assesses women’s contributions to, and their status and roles in, those aspects of Japanese culture.

EUH 1000 - G(3) Freshman Core I
First part of a two-term interdisciplinary survey course that combines Western civilization lectures with discussions of major works of Western culture. Students are encouraged to take both EUH 1000 and EUH 1001 but only one of the two courses is required of all freshmen.

EUH 1001 - G(3) Freshman Core II
Second part of a two-term interdisciplinary survey course that combines Western Civilization lectures with discussions of major works of Western culture. Students are encouraged to take both EUH 1000 and EUH 1001 but only one of the two courses is required of all freshmen.

EUH 2957 - Core Abroad: Landmarks of Western Civilization 6
Prerequisites: None required. Core I and II suggested. Drawing from Core I and II (Paleolithic-Twentieth Century), this course offers students an opportunity to study major cultural landmarks in at least two European countries each year.

EUH 3013 - Greek and Roman Myth
This course will provide an introduction to the Classical myths by reading works translated from the Greek and Latin originals. The class will compare the myths with myth traditions in other cultures; explore the myths in relation to the religion, art, history and philosophy of ancient Greece and Rome; and, by using the insights of comparative anthropology and psychoanalysis, attempt to illuminate the underlying structure and significance of the ancient myths.

EUH 3120 - Medieval Europe
Traces development in government and society from the collapse of the Roman Empire in the West through the revolutionary High Middle Ages to the violence of the 14th century.

EUH 3121 - The Crusades
The course examines the deep roots of the crusading movement in Western Christian society, the ways in which the crusades brought three world cultures (the West, Byzantium, Islam) into contact and confrontation, the type of cultural interaction that took place, and the continued vitality of the crusading idea in the expansion of Western Europe.

EUH 3124 - Renaissance-Reformation
From 1300 to 1600, European society experienced profound changes in its political, religious, social and economic way of life, changes rooted in new views of the world.

EUH 3142 - Enlightenment and Power: Europe 1660-1789
This course examines European ideas, society, and politics from the restoration of the British monarchy in 1660 to the fall of the French monarchy.

EUH 3143 - Enlightenment and Power: Europe 1789-1914
This course examines European ideas, society, and politics from the restoration of the British monarchy in 1660 to the fall of the French monarchy.

EUH 3147 - 19th Century Europe
An examination of European history from the French Revolution to the First World War, focusing on the dynamics of change in European politics, society, thought and culture.

EUH 3205 - 19th Century Europe
An examination of European from the Russian Revolution to the present, analyzing the development of contemporary European politics, society and thought.

EUH 3206 - 20th Century Europe
An examination of Europe from the Russian Revolution to the present, analyzing the development of contemporary European politics, society and thought.

EUH 3300 - FC - Byzantine History
The Byzantine Empire upheld the Christian, Greek, and Roman Traditions of the ancient world and remained the most powerful and splendid medieval society until the 13th century. The course examines the ability of the Empire periodically to renew itself from 325 to 1453. In doing so, we shall not overlook the artistic, musical and literary achievement of Byzantine civilization and the heritage of Byzantium in later cultures.
EUH 3312 - History of Spain
This course is a survey of Spanish history from the Moorish invasions of the eighth century to the end of the Spanish Civil War in the 1930s. Topics will include the Christian reconquest of the peninsula, the expulsion of the Moors and the Jews, the conquest and colonization of the Americas, the Black Legend, and Spain’s economic crisis of the seventeenth century. However, particular attention will be given to two topics: the nature of the Spanish Inquisition and the history of the Spanish Civil War.

EUH 3320 - Eastern Europe
This course will cover the lands and peoples of Eastern Europe from the French Revolution to the present. The focus will be on major forces, such as nationalism and modernization, which have shaped the historical development of this region.

EUH 3403 - FC - Ancient Greece
This course provides a comprehensive examination of the culture of ancient Greece from Mycenaen times to the death of Alexander the Great. An historical approach will be supplemented by analysis of Greek literature, art, and thought.

EUH 3411 - FC - Ancient Rome
This course examines the culture of ancient Rome from the days of the early kings to the collapse of the Roman empire. An historical approach will be supplemented by analysis of Roman literature, art, and thought.

EUH 3451 - France Since 1789
Examines political, social, economic, and cultural aspects of French history since the Revolution.

EUH 3466 - FC - Germany Today
An examination of social, political, and cultural trends in Germany since World War II. Emphasis is on German democracy, the economic rebuilding, the burden of the Nazi past, national identity, the role of intellectuals, and Germany’s relationship to Europe and America. Special attention is given to developments since the 1990 unification.

EUH 3502 - Modern Britain
Examines the political, economic and social transformations of the United Kingdom from 1714 to present.

EUH 3511 - Tudor-Stuart England, 1485-1714
The era of the Tudors and Stuarts, including such momentous events as the establishment of the Anglican Church, overseas colonization, the Puritan rebellion and the Glorious Revolution.

EUH 3530 - History of the British Empire
Beginning in the 16th century and re-inventing its purpose in the 19th century, England established an international empire. This course examines the origins, growth, zenith, and decline of that empire with an emphasis on the non-Western world.

EUH 3533 - The Making of Modern Ireland
This course is a broad survey of Irish history from St. Patrick (c. 400 AD) to the present troubles. The course employs primary sources, literature, and historical monographs as well as music and film.

EUH 3575 - Imperial Russia
This course examines Imperial Russia from the time of Peter the Great to the 1905 revolution. It will focus on Russian political, social, economic, and cultural developments.

EUH 3576 - 20th Century Russia (Soviet)
This course examines 20th century Russia from 1905 to the present. The focus will be on key personalities, issues and events which shaped the Soviet regime.

EUH 3581 - Russia in Asia
This course examines Russia’s historical and cultural interactions with Siberia, Central Asia, and Transcaucasia from the 16th century to the present. Topics include the conquest and colonization of imperial borderlands, the variety of relationships between European Russia and Asian frontiers, and contemporary developments in the Asian regions of the former USSR.

EUH 3932 - Selected Topics: European History
This course will present selected topics in European history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

EUH 3957 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 4294 - Seminar: Modern Europe
An investigation of a specific era or topic in European history since the French Revolution. Topics vary. May be repeated up to a total of 6 credits with consent of instructor.

EUH 4404 - The Peloponnesian War
Prerequisite: One course in history or permission of instructor. This seminar will examine the causes, strategies, events, and personalities of one of the greatest conflicts of the ancient world. Students will study Thucydides’ history and other ancient Greek sources (in translation) to come to an understanding of the war and the methodology of the ancient historian.

EUH 4932 - Selected Topics: European History
This course will present selected topics in European history. The topic will vary with the instructor. The course may be repeated up to 5 times for a total of 15 credit hours under different topics.

EUH 4937 - 20th Century Russia (Soviet)
This course examines 20th century Russia from 1905 to the present. The focus will be on key personalities, issues and events which shaped the Soviet regime.

EUH 4957 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 5932 - Selected Topics: European History
This course will present selected topics in European history. The topic will vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 5937 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 5957 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 6932 - Selected Topics: European History
This course will present selected topics in European history. The topic will vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 6937 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 7932 - Selected Topics: European History
This course will present selected topics in European history. The topic will vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 7937 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 8932 - Selected Topics: European History
This course will present selected topics in European history. The topic will vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 8937 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 9932 - Selected Topics: European History
This course will present selected topics in European history. The topic will vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

EUH 9937 - European History Abroad v. 1 - 3
This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 semester hours.

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the 20th century: social, scientific and historical factors that determine the nature, extent and definition of disease.

**HIS 3932 - Selected Topics**
May be repeated for a total of 18 credits under different topics.

**HIS 4906 - Directed Individual Study** v. 1 - 4
Prerequisite: Written consent of the instructor. May be repeated for a total of 6 credits under different topics.

**HIS 4936 - Seminars**
May be repeated for a total of 15 credits under different topics.

**HIS 4940 - Internship in History**
Prerequisite: History major or minor, 3.0 GPA, junior or senior standing, and permission of the department chair are required. Provides a supervised work experience in an area historical, archaeological or cultural organization. Students must work at least 160 hours per semester. May be repeated for up to 6 credits.

**HIS 4970 - G(3) Senior Honors Thesis** v. 3-6
Prerequisite: Acceptance to the Honors in the Major track in history. Research and Honors thesis writing under supervision of a department committee. May be repeated for a maximum of 6 credits.

**IDS 4910 - Liberal Studies Exposition** v. 3 - 9
A major research effort, culminating in a paper, project, or public presentation related to the student’s declared major theme. Student must have prior approval for the exposition from the department chairperson. May be repeated up to 9 credits.

**LAH 3135 - Spain in the New World**
This course will introduce students to the early years of colonial rule in Latin America. The course will cover the period bound roughly from the rise of the Inca and Aztec empires to the end of Hapsburg rule in Spain. Particular attention will be given to the complex issues of religious change, acculturation and resistance, and ethnic and race relations, both before and after the conquest. By exploring these broad themes, students will be better able to comprehend the complex relationships between Amerindians, Africans and Europeans.

**LAH 3300 - CD - FC - Latin America**
An examination of recent Latin American history. Special emphasis will be placed upon the roles of the church, landowner, military, middle sector and peasant in the modernizing societies of selected countries.

**LAH 3424 - FC - Aztecs/Incas/Mayas**
This course is an introduction to the history of Mesoamerica and the Andes prior to 1492. Special attention will be given to the historical development of the Maya, Aztec and Inca civilizations; however, the course will also emphasize the importance of other peoples and cultures such as the Olmecs, Toltecs, Mochica, Chimu and Muisca. Through a careful examination of archaeological and historical evidence, this course will examine major political, religious, and economic changes in the Americas before the arrival of Europeans.

**LAH 3712 - FC - Inter-American Relations**
A historical examination of relations between the United States and Latin America emphasizing such issues as economic development, drug trafficking, human rights and national security. The course will focus upon the large Latin American nations such as Argentina, Brazil, Chile, Mexico, and Peru.

**LAH 3932 - Selected Topics: Latin American History** 3
This course will present selected topics in Latin American history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

**LAH 3955 - Latin America Abroad**
This course offers students the opportunity to study and to visit some of Latin America’s most fascinating pre-Columbian and colonial sites. Trips are scheduled for early May and the destinations alternate yearly between Mexico/Central America and the Andes.

**LAH 4932 - Seminar: Latin American History**
This seminar course will involve students in an intensive study of an aspect of Latin American history. Topics vary with the instructor. The course may be repeated for credit as long as the topic differs, up to a maximum of 3 times.

**Linguistics**

**LIN 3010 - Principles of Linguistics**
Overview of the modern linguist’s approach to language. Analysis of phonological, morphological and syntactic systems. Brief survey of psycholinguistics, historical linguistics, sociolinguistics, language acquisition and semantics.

**LIN 3930 - Special Topics in Linguistics**
Prerequisite: LIN 3010 or equivalent. Topics of importance in the study of language. May be repeated up to 12 credits under different topics.

**Literature**

**AML 3041 - G(3) Periods of Later American Literature**
Prerequisite: One course in literature. This course will consist of readings in American literature from the pre-colonial period to the Civil War, with particular attention devoted to two distinct periods. We will consider the ways in which such periods as “the colonial” or the “American Renaissance” are constructed.

**AML 3042 - G(3) Periods of Later American Literature**
Prerequisite: One course in literature. This course will consist of readings in American literature from the Civil War to the present, with particular attention devoted to two or more distinct periods. We will consider the ways in which such periods as the “modern” or “post-modern” are constructed.

**AML 3102 - G(3) American Fiction**
The nature and development of American fiction in works by such authors as Charles Brockden Brown, Edgar Allan Poe, Herman Melville, Mark Twain, Kate Chopin, Stephen Crane, Charles Chesnutt, F. Scott Fitzgerald, Ernest Hemingway, William Faulkner, Richard Wright, John Steinbeck, John Gardner, Ronald Sukenick and Joyce Carol Oates. 3000 words of Gordon Rule credit.

**AML 3154 - American Poetry**
American poetry from the colonial period to the present, with variable emphasis. See department office for reading list.

**AML 3621 - G(3) Black American Literature**
Poetry, drama, prose, and fiction as significant dimensions of American culture. Studies may include slave narratives, Douglas,
Dunbar, Cullen, Brooks, Hughes, McKay, Wright, Ellison, Baldwin, Jones and Reed. 3000 words of Gordon Rule credit.

**AML 4225 - Studies in 19th Century American Literature**  
3 credits  
Prerequisite: At least one literature course at the 3000 level or permission of instructor. Readings in 19th century American literary texts. Focus will differ with each offering. See department office for reading list.

**AML 4242 - Studies in 20th Century American Literature**  
3 credits  
Prerequisite: At least one literature course at the 3000 level or permission of instructor. Readings in 20th century American literary texts. Focus will differ with each offering. See department office for reading list.

**CLT 4110 - Classical Background of Western Literature**  
3 credits  
Readings in translation of writers such as Homer, Plato, Sophocles, Euripides, Aristotle, Virgil, Ovid, Catullus and Apuleius, with some attention to their importance to later Western culture.

**CRW 3015 - Writer’s Workshop**  
3 credits  
May be repeated for a total of 6 credits.

**CRW 3930 - Special Topics in Creative Writing**  
3 credits  
Prerequisite: Junior standing or permission of instructor. Topics of importance in theory and/or practice in composition. Course may be repeated up to 12 credits with different topics.

**CRW 4424 - Playwrights’ Project**  
4 credits  
This course creates a bridge between playwriting and the stage, by demonstrating the connection between playwriting, acting, and directing. The first three-quarters of the course is an intensive writing workshop that introduces students to the craft of playwriting. The final quarter of the course consists of a production component where students are required to produce selected, stage-worthy scripts.

**CRW 4905 - Tutorial in Creative Writing**  
3 credits  
Prerequisite: Senior standing and permission of instructor. Tutorial in creative writing; topic to be agreed upon with instructor. May be repeated for a total of 12 credits.

**ENC 1101 - G(6) College Writing**  
3 credits  
This course is an introduction to writing at the college level.

**ENC 1102 - G(6) The Informed Writer**  
3 credits  
Prerequisite: ENC 1101. In this course students write various kinds of expository prose, including some informed by research.

**ENC 3250 - G(6) Professional Communications**  
3 credits  
The primary emphasis of technical writing is on the basics of professional communication — research, organization, grammar/mechanics/style. We will also pay attention to the forms of professional communication — letters, memos, and formal and informal reports. 6000 words of Gordon Rule credit.

**ENC 3310 - G(6) Writing Prose**  
3 credits  
Prerequisite: ENC 1101 and ENC 1102. Writing of various kinds, such as speculation, reports, documented articles or criticism, with emphasis on persuasion as the object. Prospective teachers give attention to the psychology of helping others to write well. 6000 words of Gordon Rule credit.

**ENC 3324L - G(3) Advanced Composition Laboratory**  
1 credit  
3000 words of Gordon Rule credit. Offered as a lab in conjunction with a literature course. Students complete further writing assignments. Courses accompanied by this lab may be used toward satisfaction of Gordon Rule 6A-10.30. May be repeated for a total of 4 credits.

**ENC 3930 - Topics in Theory and/or Practice in Composition**  
3 credits  
Prerequisite: Junior standing or permission of instructor. Topics of importance in theory and/or practice in composition.

**ENC 4905 - Tutorial in Criticism and Interpretation of Literature**  
3 credits  
Prerequisite: Sophomore, junior, or senior standing; freshmen need permission from instructor. This course treats film as a way of studying American culture and the development of filmmaking in the U.S. Various critical approaches will help the class understand and articulate the way we as a people see ourselves and create the values of our lives through film. Film genres, myth, cultural milieu, gender, and other considerations help the class see films as carriers of ideological, mythic elements of American life.

**ENG 3132 - G(3) Studies in Film**  
3 credits  
Prerequisite: Sophomore, junior, or senior standing; freshmen need permission from instructor. This course will vary in content with each offering. For example, it may focus on Race in Film; Gender in Film; Film, 1960-1980; Paranoia and Revolution; Mythic Film Stars and American Culture. Each term features a different topic. Repeatable once.

**ENG 3603 - G(3) American Film**  
3 credits  
Prerequisite: Sophomore, junior, or senior standing; freshmen need permission from instructor. This course will vary in content with each offering. For example, it may focus on Race in Film; Gender in Film; Film, 1960-1980; Paranoia and Revolution; Mythic Film Stars and American Culture. Each term features a different topic. Repeatable once.

**ENG 3930 - Topics in Criticism & Interpretation of Literature**  
3 credits  
Prerequisite: Junior standing or permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.

**ENG 4014 - Approaches to Literary Interpretation**  
3 credits  
Prerequisite: One upper-level literature course. Applied criticism of principal modern approaches, including psychological, formalist, and mythic. Students read theory and model criticism, practicing interpretation with various genres.

**ENG 4105 - Film as Literature**  
3 credits  
Film as a means of communication and literary form, with attention to selected film history and technology, film signs and syntax, film terminology and some film theory. Study process involves viewing, reading about, discussing and writing about a film each week.

**ENG 4505 - G(3) International Film**  
3 credits  
Prerequisite: Sophomore, junior, or senior standing. This course involves studying films from foreign cultures, such as French, German, Japanese, Australian. Films studied are classic or significant films representing both the cultures and important statements about the human encounter. Longer in-class experience allows for viewing and discussing each film in class, plus background on both the films and the culture.

**ENG 4905 - Tutorial in Criticism and Interpretation of Literature**  
3 credits  
Prerequisite: Junior standing and permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
ENG 4930 - Topics in Criticism and Interpretation of Literature
Prerequisite: Senior standing and permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.

ENG 4933 - Seminar
Prerequisite: Consent of instructor. May be repeated for a maximum of six credits.

ENL 3112 - G(3) British Novel I
The development of the novel in England to about 1875. Such authors as Bunyan, Defoe, Fielding, Richardson, Smollett, Sterne, Austen, Scott, Dickens, the Brontes, Thackeray, Eliot, Trollope and Lewis Carroll.

ENL 3132 - G(3) British Novel II
The novel in Britain from about 1875 to the present. Such authors as Hardy, Kipling, Conrad, Forster, Joyce, Lawrence, Ford, Woolf, Waugh, Greene, Cary, Beckett, Spark and Fowles.

ENL 3333 - Shakespeare
This course studies selected aspects of the dramatic works from the early comedies to the late romances. Consideration of non-dramatic poetry may also be included.

ENL 3501 - G(3) Periods of Early British Literature
Prerequisite: One course in literature. This course consists of readings in British literature from its beginnings to 1800, with particular attention to two or more distinct periods. This course will examine the kinds of aesthetic, linguistic, and cultural changes by which periods are constructed, and how useful are they to an understanding of literature.

ENL 3503 - G(3) Periods of Later British Literature
Prerequisite: One course in literature. This course consists of readings in British literature from approximately 1800 to the present, with particular attention to two or more distinct periods. This course will examine the kinds of aesthetic, linguistic, and cultural changes by which periods are constructed, and how useful are they to an understanding of literature.

ENL 4220 - Studies in Renaissance Literature
Written works from 1500 – 1660 by such authors as Spenser, Sidney, Shakespeare, Jonson, Donne, Marvell and Milton.

ENL 4230 - Studies in Restoration and 18th Century English Literature
Works by such writers as Dryden, Wycherly, Addison, Steele, Defoe, Swift, Pope, Fielding, Johnson, Boswell, Goldsmith, Sheridan, Burke, Gray and Collins.

ENL 4240 - Studies in English Romantic Literature
Representative works by such writers as Blake, Southey, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, Hazlitt, De Quincey and Scott.

ENL 4251 - Studies in Victorian Literature
Literature and culture of the pre-modern period. May be organized as a major-authors course one time, as a theme-based course the next. Such authors as Carlyle, Mill, Ruskin, Arnold, Tennyson, Browning, Rossetti, Swinburne and Wilde.

FIL 4521 - French Cinema
This course examines narrative and thematic structure in recent French cinema. We will also examine several main genres and/or approaches in French cinema, including the heritage genre, La Nouvelle Vague, the “cinéma du look,” feminist cinema, and colonial/postcolonial themes. The critical readings for each film and the essay assignments will encourage students to develop their own critical and analytical skills in writing about film.

LIS 1001 - Beginning Library and Information Systems Strategies
This course is designed to acquaint the novice researcher with both traditional and computerized means of storing, locating, retrieving and evaluating information. This course emphasizes critical thinking and research skills and is especially recommended to freshmen.

LIT 2100 - G(3) Masterworks of World Literature
This course surveys some of the world’s literary masterpieces, and attends to the factors that determine canonicity. 3000 words of Gordon Rule Credit.

LIT 2110 - G(6) Introduction to Literature
Prerequisite: ENC 1101. This course provides an introduction to drama, fiction and poetry, with attention to interpretive strategies. 6000 words of Gordon Rule Credit.

LIT 2310 - G(3) Fantasy and Science Fiction
This course surveys significant works of fantasy and science fiction by authors such as Mary Shelley, H.G. Wells, Arthur C. Clarke, J.L. Borges, Ursula K. LeGuin, and J.R. Tolkien, and attends to issues of generic definition. 3000 words of Gordon Rule Credit.

LIT 2930 - G(3) Special Topics in Literature
Variable topics in literature. May be repeated up to 6 credits with different topics. 3000 words of Gordon Rule Credit.

LIT 2932 - G(6) Themes and Types in Literature
Prerequisite: ENC 1101 and LIT 2110. This course focuses on a theme or type chosen by the instructor, with attention to the nature of literary form. 6000 words of Gordon Rule Credit.

LIT 3043 - G(3) Modern and Contemporary Drama
This course will examine European and American drama of the twentieth century. It begins with the founders of modern drama, Ibsen, Chekhov, and Strindberg, moves through those who experimented with realism such as Beckett or Baraka, and ends with contemporary works by Shephard or Churchill.

LIT 3045 - Periods of Dramatic Literature
A survey of select periods in the development of Western drama from the Greeks to the Twentieth Century. Students will evaluate how historical events shaped the formation of dramatic literature while reading the works of such dramatists as Sophocles, Shakespeare, Congreve, or Lorca.

LIT 3184 - FC - G(3) Introduction to Irish Literature and Culture
This course provides an overview of Irish literature and culture, from their Celtic origins to the present. 3000 words of Gordon Rule Credit.

LIT 3193 - FC - G(3) Literature of the East
Interpretive study of drama and fiction of India, China and Japan, focusing on Oriental mythic, social and intellectual backgrounds. Includes such writers as Sudraka, Kalidasa, Tagore, Mae Tun, Lusin, Ibuse and others. 3000 words of Gordon Rule Credit.
LIT 3304 - G(3) Literature of Popular American Culture
Interpretation and exploration of American mass culture from late 1800s to present, including literature of all types, from novels, song lyrics and plays, to film and film scripts, rock operas and best-sellers. 3000 words of Gordon Rule Credit.

LIT 3331 - G(3) Children’s Literature
This course examines literature for children from social, psychological, educational, and other points of view. 3000 words of Gordon Rule Credit.

LIT 3333 - G(3) Adolescent Literature
This course examines literature for adolescents from social, psychological, educational, and other points of view. 3000 words of Gordon Rule Credit.

LIT 3408 - Approaches to Literature: Myth
A survey of selected mythologies such as classical, Germanic, Hindu, biblical, American Indian, or Egyptian with attention to myth theory and the place of myth within literary culture.

LIT 3420 - Approaches to Literature: Psychology
Readings in major theories of psychology and in literary works to which they apply.

LIT 3930 - Special Topics
Prerequisite: Sophomore standing or permission of instructor. Variable topics in literature. May be repeated up to 12 credits under different topics.

LIT 4041 - Studies in Drama
This course focuses on an historical or artistic problem or a period, style, or playwright; it includes reading and acting of scenes. The topic varies. The course may be repeated up to 6 credits with different topics.

LIT 4083 - Studies in Modern Literature
Literature and culture of the modern era (roughly late 19th century to mid-20th century). May focus on a particular theme, author, genre, group of authors or national literature. Course may be repeated up to 12 credits under different topics.

LIT 4093 - Contemporary Literature
Various approaches to the literature of the generations since World War II. May be international in scope or may concentrate on the literature of one nation. Course may be repeated up to 12 credits under different topics.

LIT 4104 - Studies in Medieval Literature
Medieval culture as expressed through literary works by such authors as Chaucer, Dante, Langland, Gottfried von Strassburg and Petrarch. Literature interpreted in relation to social and artistic developments of the time.

LIT 4186 - Studies in Irish Literature
Prerequisite: Junior standing or permission of instructor. Approaches to the literature of Ireland, in English. May be a comprehensive course, including poetry, fiction and drama; may focus on one of these literary types. Writers such as Yeats, Joyce, Synge, O’Casey, Bowen, O’Connor, Trevor, Montague, O’Brien, and Heaney. Course may be repeated up to 6 credits with different topics.

LIT 4243 - Major Authors
Prerequisite: Junior standing or permission of instructor. Study of writings by one or more authors. Variable topics. May be repeated up to 12 credits under different topics.

LIT 4650 - Comparative Literature
Prerequisite: LIT 2932 or equivalent or permission of instructor. Variable topics; world literatures in translation. Course may be repeated up to 12 credits under different topics.

LIT 4905 - Independent Study
Prerequisite: Consent of instructor and department chairperson. Tutorials or senior theses handled under this title. May be repeated up to 12 credits under different topics and permission of department.

LIT 4930 - Special Topics in Literature
Prerequisite: Junior standing or permission of instructor. Topics of importance in literature. Course may be repeated up to 12 credits under different topics.

LIT 4931 - Special Topics in Cultural Studies
This course studies the interaction among texts and culture from diverse perspectives — aesthetic, economic, historical, and technological. Texts may be literary, filmic, televisual, or musical. Variable topics in cultural studies. May be repeated up to 6 credits with different topics.

LIT 4934 - Seminar in Literature
Prerequisites: 4 upper-division English courses or permission of instructor. This course serves as an advanced capstone for English majors. Its purpose is to provide an opportunity for small-group, intensive study and practice with both primary texts and approaches to literary criticism. Thus, integration of both in-depth studies of literary texts and critical skills will characterize the course experience.

LIT 4935 - G(3) Literary Themes
This course will analyze literary themes as they occur in several genres, periods, texts and traditions. The course may be repeated for credit with variable content. 3000 words of Gordon Rule Credit.

LIT 4936 - G(3) Special Topics in Literature
Variable topics in cultural studies. May be repeated up to 6 credits with different topics.

Mathematics and Statistics
MAA 4200 - Mathematical Analysis
Prerequisites: MHF 3202 and two other mathematics or statistics courses with prerequisites at or above the level of Calculus II. A course designed to teach the foundations of analysis for secondary mathematics education majors. Topics will include: real numbers, sequences, Bolzano-Weierstrass Theorem, limits, continuity, uniform continuity, differentiation (Rolle’s Theorem and the Mean Value Theorem), Riemann integration. (Cannot be used to satisfy degree requirements for mathematics majors.)

MAA 4211 - G(M) Advanced Calculus I
MAA 4212 - G(M) Advanced Calculus II
Prerequisites: MAC 2313, MAS 3105, MAA 3202 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. A two-term sequence investigating topics in analysis such as the real number system, continuity, sequences and series, differentiation, integration, Jacobians and the inverse and implicit function theorems.

MAA 4402 - G(M) Complex Analysis
Prerequisites: MAC 2313 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. The complex number system, complex functions, analytic functions, contour integration, and residue theory.
MAC 1105 - G(M) College Algebra
Prerequisite: Intermediate Algebra. Topics will include linear and quadratic functions, systems of equations and inequalities, polynomials, exponentials, logarithms. Students may not receive credit for both MAC 1105 and MAC 1147.

MAC 1147 - G(M) Trigonometry
Prerequisite: MAC 1105. This course will include the following topics: trigonometric functions and their inverses, graphing trigonometric functions, identities, complex numbers, solving triangles, and applications of trigonometric functions. Students may not receive credit for both MAC 1114 and MAC 1147.

MAC 1147 - G(M) Precalculus
Prerequisite: Intermediate Algebra. Topics will include linear and quadratic functions and their applications; systems of equations; inequalities, polynomials, exponentials, logarithms, trigonometric functions and their inverses and their graphs; trigonometric identities, and complex numbers. Students may not receive credit for MAC 1147 and also for MAC 1105 or MAC 1114.

MAC 2233 - G(M) Calculus for Business
Prerequisite: MAC 1105 or MAC 1147. Topics in differential and integral calculus with applications. (This course cannot be used to satisfy upper-level degree requirements by mathematics, statistics or natural science majors).

MAC 2311 - G(M) Calculus I
MAC 2312 - G(M) Calculus II
Prerequisite: MAC 1147. A two-semester sequence devoted to the basic ideas and techniques of differential and integral calculus. Topics in sequences and infinite series are also covered. (Cannot be used to satisfy upper-level degree requirements by mathematics, statistics or natural science majors). Students completing this course may not enroll in MAC 2233.

MAC 2313 - G(M) Calculus III
Prerequisite: MAC 2312. A third course in calculus designed to cover calculus of functions of several variables.

MAD 3107 - G(M) Discrete Mathematics
Prerequisite: MAC 2312. Review of sets, mappings and relations. Topics from graph theory and combinatorics.

MAD 4401 - G(M) Numerical Analysis
Prerequisites: MAC 2313, MAP 2302, MAS 3105 and a scientific programming language. Topics will be selected from: error analysis, solutions of equations in one variable, polynomial interpolation and approximation, numerical integration, numerical solutions of initial value problems, and solutions of systems of linear equations.

MAE 2801 - G(M) Mathematics for Elementary Education
Prerequisite: Intermediate Algebra. This course is designed for elementary education majors. The topics include: sets, numeration systems, problems solving, whole numbers, integers, rational numbers, irrational numbers, real numbers, percent, elementary logic, measurement and informal geometry. (Course to be terminated 1-1-2004)

MAE 3814 - Mathematics Enhancement for Elementary School Teachers
Prerequisites: Two Gordon Rule rule Math courses. Throughout the course, critical thinking and problem solving will be stressed. This will be accomplished by looking at problems from areas such as: set theory, logic, number theory, and geometry. Additionally, properties of natural numbers, integers, rational numbers, irrational numbers, and numeration systems will be examined. (Course to be terminated 1-1-2004)

MAP 2302 - G(M) Ordinary Differential Equations
Prerequisite: MAC 2312. Topics will be selected from first and second order linear and non-linear equations, Laplace transforms, systems of equations, and numerical techniques.

MAP 4231 - G(M) Operations Research
Prerequisites: MAS 3105 and STA 4321. This course provides an introduction to operations research and its applications. Emphasis will be on linear programming. Applications include topics from transportation and network problems, stochastic processes, queuing theory, game theory and decision theory. Students may not receive credits for MAP 4231 and also for STA 4603.

MAP 4341 - Elementary Partial Differential Equations
Prerequisites: MAP 2302 and MAP 2313. Methods for solving partial differential equations including separation of variables, Green’s functions and Fourier series; parabolic (heat), hyperbolic (wave) and elliptic (steady-state) equations; practical problems and applications to physics and engineering.

MAS 3105 - G(M) Linear Algebra
Prerequisite: MAC 2312. Systems of linear equations, matrices, vector spaces, linear transformations, eigenvectors and eigenvalues.

MAS 3203 - G(M) Number Theory
Prerequisite: MAC 2312. An investigation of properties of the integers, including the Euclidean and division algorithms, prime factorization; Diophantine equations, and congruences.

MAS 4156 - Vector Analysis
Prerequisite: MAC 2313. Vector fields, curl and gradients, line and surface integrals, Green’s theorem, Stokes’ theorem, divergence theorem; particular emphasis in physical and engineering sciences.

MAS 4301 - G(M) Abstract Algebra
Prerequisites: MAS 3105, MHF 3202 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. An introduction to the basic concepts of abstract algebra. Topics will be selected from groups, rings, and fields.

MAS 4932 - Capstone Experience in Mathematics
Prerequisite: Senior standing and permission of the Department. In this course the student will conduct a project, engage in an inservice experience, conduct research, or participate in a seminar. Specific opportunities for completing this Experience are available in the Mathematics and Statistics Office each term. (Required of all majors in Mathematics.)

MAT 3930 - Selected Topics in Mathematical Science v. 1 - 3
May be repeated for a total of 12 credits with permission of department.

MAT 4906 - Directed Individual Studies v. 1 - 3
May be repeated for a total of 12 credits with permission of department.

MAT 4931 - Special Topics in Mathematical Science 3
Prerequisites: Variable. May be repeated for a total of 12 credits with permission of department.
MTG 3203 - G(M) Geometry for Middle School Teachers
Prerequisites: 9 hours of college mathematics. This course is primarily based on a discovery approach to plane Euclidean geometry. Triangles, quadrilaterals, regular polygons, circles, and other geometric figures will be investigated. Logical reasoning will be used to prove or disprove conjectures. Computer programs such as Geometer’s Sketchpad® might be used in this course. This course cannot be used to fulfill a degree requirement in the Department of Mathematics and Statistics.

MTG 3212 - G(M) Modern Geometry
Prerequisite: MGF 3202. Foundations, models, and theorems of Euclidean and non-Euclidean geometries.

MTG 4302 - G(M) Elementary Topology
Prerequisites: MAC 2313 and MHF 3202. Topological spaces, metric spaces, continuity and homeomorphisms, connectedness, compactness.
STA 4502 - G(M) Nonparametric Methods in Statistics
Prerequisites: STA 4321, STA 2014 or STA 2023. This course studies topics such as statistical inference when the form of the parent population is unknown. The course topics include one-sample and two-sample tests based on ranks; Kolmogorov-Smirnov type tests; and rank correlations.

STA 4504 - G(M) Categorical Data Analysis
Prerequisites: STA 2014 or STA 2023. The Categorical Data Analysis course is an introduction to the methods used to analyze the count data and the life table data. The topics include data presentation, rates, life tables and applications of life tables, contingency tables, multiple 2x2 tables, correlation, logistic regression, and survival analysis.

STA 4603 - Operations Research
Prerequisites: MAS 3105, STA 4321 and knowledge of a scientific programming language. An introduction to the mathematical foundations and fundamentals of operations research. Topics include linear and nonlinear programming, theory of queues, game theory, and stochastic processes with applications in such areas as transportation, network and inventory modeling. (Course to be terminated 1-1-2004)

STA 4664 - Statistical Quality Control
Prerequisite: STA 2014 or STA 4321. An introduction to the methods of statistical quality control. Topics covered include control charts, acceptance sampling and experimental design.

STA 4906 - Directed Individual Studies v. 1 - 3
Prerequisite: Variable. May be repeated for 12 credits with permission of department.

STA 4930 - Special Topics in Statistics v. 1 - 3
Prerequisite: Variable. May be repeated for 12 credits with permission of department.

STA 4935 - Seminar in Statistics v. 1 - 3
Prerequisite: Variable. May be repeated for 12 credits with permission of department.

STA 4945 - Capstone Experience in Statistics
Prerequisites: Senior standing and permission of the Department. In this course the student will conduct a project, engage in an in-service experience, conduct research, or participate in a seminar. Specific opportunities for completing this Experience are available in the Mathematics and Statistics Office each term. (Required of all majors in Statistics.)

Applied Music
All applied music courses are to be repeated one time for credit.

MVB 1311 - Applied Trumpet
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 1312 - Applied French Horn I
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVB 1313 - Applied Trombone
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 1314 - Applied Euphonium
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 1315 - Applied Tuba
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 2321 - Applied Trumpet
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 2322 - Applied French Horn II
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVB 2323 - Applied Trombone
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 2324 - Applied Euphonium
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 2325 - Applied Tuba
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 3321 - Applied Trumpet
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 3322 - Applied French Horn III
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVB 3323 - Applied Trombone
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 3324 - Applied Euphonium
Prerequisite: Consent of instructor. This course consists of individual instruction in euphonium with a private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 3325 - Applied Tuba
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 4341 - Applied Trumpet
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVB 4342 - Applied French Horn IV
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVB 4343 - Applied Trombone
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 4344 - Applied Euphonium
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVB 4345 - Applied Tuba
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVJ 1319 - Applied Set Drums
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVJ 1743 - Jazz Guitar Master Class I
Prerequisite: Permission of instructor through audition during registration. The Jazz Guitar Master Class consists of theoretical concepts and how to apply them to the guitar. May be repeated for a total of 4 credits.

MVJ 2329 - Applied Set Drums
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVJ 3339 - Applied Set Drums
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVJ 4349 - Applied Set Drums
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 1111 - Class Piano I
Fundamentals of piano. One class hour per week. May be repeated for a total of 2 credits.

MVK 1112 - Class Piano II
Continuation of MKV 1111. Fundamentals of piano. One hour class per week. May be repeated for a total of 2 credits.

MVK 1311 - Applied Piano
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 1313 - Applied Organ
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 2121 - Class Piano III
Continuation of MVK 1112. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.

MVK 2122 - Class Piano IV
Continuation of MVK 2121. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.

MVK 2321 - Applied Piano
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 2323 - Applied Organ
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 3331 - Applied Piano
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 3333 - Applied Organ
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 3631 - Piano Pedagogy I
Prerequisites: Consent of instructor and MVK 1311. The course deals with how to teach piano at the beginning level. May be repeated for a total of 4 credits.

MVK 3632 - Piano Pedagogy II
Prerequisites: Consent of instructor and successful completion of MVK 3631. The course deals with how to teach piano at the intermediate level. May be repeated for a total of 4 credits.

MVK 4341 - Applied Piano
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVK 4343 - Applied Organ
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVP 1311 - Applied Percussion
Prerequisite: Consent of instructor. Individual instruction in percussion instruments. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVP 2321 - Applied Percussion
Prerequisite: Consent of instructor. Individual instruction in percussion instruments. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVP 3331 - Applied Percussion
Prerequisite: Consent of instructor. Individual instruction in applied percussion. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVP 4341 - Applied Percussion
Prerequisite: Consent of instructor. Individual instruction in percussion. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 1314 - Applied String Bass
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 1316 - Applied Guitar
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 1411 - Applied Violin I
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 1412 - Applied Viola I
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 1413 - Applied Violoncello I
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 2324 - Applied String Bass
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 2326 - Applied Guitar
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 2421 - Applied Violin II
Prerequisite: Consent of instructor. Individual instruction in violin will be given on weekly basis. May be repeated for a total of 4 credits.

MVS 2422 - Applied Viola II
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 2423 - Applied Violoncello II
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 3334 - Applied String Bass
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 3336 - Applied Guitar
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 3431 - Applied Violin III
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 3432 - Applied Viola III
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 3433 - Applied Violoncello III
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 3530 - String Repertory I
This course deals with string repertory from the Baroque Period through the Classical Period. May be repeated for a total of 4 credits.

MVS 3531 - String Repertory II
This course deals with string repertory from the Romantic Period through the 20th Century. May be repeated for a total of 4 credits.

MVS 3444 - Applied String Bass
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVS 4441 - Applied Violin IV
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 4442 - Applied Viola IV
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

MVS 4443 - Applied Violoncello IV
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

MVV 1111 - Class Voice
Fundamentals of vocal production. One class hour per week. May be repeated for a total of 2 credits.

MVV 1311 - Applied Voice
Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVV 2321 - Applied Voice
Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVV 3331 - Applied Voice
Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVV 4341 - Applied Voice
Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVV 4640 - Vocal Pedagogy
Prerequisite: Consent of instructor. The course examines various voice teaching methods. May be repeated for a total of 4 credits.

MVW 1211 - Secondary Flute I
Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.

MVW 1213 - Secondary Clarinet I
Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.

MVW 1311 - Applied Flute I
Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 1312 - Applied Oboe I
Prerequisite: Consent of instructor. Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 1313 - Applied Clarinet I
Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 1314 - Applied Bassoon I
Prerequisite: Consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 1315 - Applied Saxophone
Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 2221 - Secondary Flute II
Prerequisite: Consent of instructor. Individual instruction in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.

MVW 2223 - Secondary Clarinet II
Prerequisites: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.

MVW 2321 - Applied Flute II
Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 2322 - Applied Oboe II
Prerequisite: Consent of instructor. Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 2323 - Applied Clarinet II
Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 2324 - Applied Bassoon II
Prerequisite: Consent of instructor. Individual instruction will be given in bassoon. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 2325 - Applied Saxophone
Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 2326 - Applied Bassoon III
Prerequisite: Consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 3331 - Applied Flute III
Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 3332 - Applied Oboe III
Prerequisite: Consent of instructor. Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 3333 - Applied Clarinet III
Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 3334 - Applied Bassoon III
Prerequisite: Consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 3335 - Applied Saxophone
Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVW 4241 - Secondary Flute IV
Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.
MVW 4341 - Applied Flute IV
Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 4342 - Applied Oboe IV
Prerequisite: Consent of instructor. Individual instruction will be given in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 4343 - Applied Clarinet IV
Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

MVW 4344 - Applied Bassoon
Prerequisite: MVW 3334 and consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

MVW 4345 - Applied Saxophone
Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Music

MUM 3701 - Music Business
This course offers students an opportunity to explore the business side of music. Items to be studied include: unions, contract writing, copyrights, laws pertaining to the music industry, the recording industry, and performing rights organizations. As appropriate, visiting guest artist from the “Great American Jazz Series” will be invited to address the class.

MUS 2221 - French Diction
Prerequisite: Consent of instructor. This course deals with diction in singing French vocal works.

MUS 2223 - German Diction
Prerequisite: Consent of instructor. This course deals with diction in singing German vocal works.

MUS 2241 - Italian Diction
Prerequisite: Consent of instructor. This course deals with diction in singing Italian vocal works.

MUS 2930 - Special Topics
May be repeated for a total of 8 credits.

MUS 3340 - Computer MIDI Score
This course will familiarize the student with the principles of the Musical Instrument Digital Interface and its application to scoring programs. In addition, the student will learn basic computer technological applications.

MUS 3930 - Special Topics
May be repeated up to 30 credits.

MUS 3931 - Eminent Scholars Seminar
May be repeated up to 10 credits.

MUS 4351 - Practicum in American Commercial Music
Prerequisites: Music Theory I - IV, Jazz Fundamentals I - II, four semesters of MUN 3713, Jazz Improvisation I - II. A practical study of commercial American music literature from the early 1900’s to the present through classroom performance. Included will be American and international standards, wedding and party music, jazz, rock, latin dance music, calypso, Dixieland, country and western, and current Top 40. Skills such as sight reading, transposition, light improvisation, and professional deportment will be stressed.

MUS 4905 - Directed Individual Studies
A maximum of 15 credits may be accumulated in directed individual studies.

Music - Education

MUE 2440 - String Techniques
String Techniques is designed to prepare instrumental music majors to teach string instruments in secondary schools. The course will cover all aspects of string instruction and performance including analysis and diagnosis of performance problems, fingering systems, method books and instructional aids and materials.

MUE 2450 - Woodwind Techniques
Woodwind techniques is designed to prepare music education majors to teach woodwind instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on clarinet, flute, saxophone, oboe and bassoon. All aspects of woodwind instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

MUE 2460 - Brasswind Techniques
Brasswind techniques is designed to prepare instrumental music majors to teach brass instruments in secondary schools. The course will cover all aspects of brass instruction and performance including analysis and diagnosis of performance problems, fingering systems, method books and instructional aids and materials. Students will be expected to demonstrate basic performance proficiency on trumpet, horn, trombone, and tuba.

MUE 2470 - Percussion Techniques
Percussion techniques is designed to prepare music education majors to teach percussion instruments in secondary schools. All aspects of percussion performance and instruction will be covered, including method book selection, teaching techniques, mallet selection, instrument care and the like.

MUE 3332 - Instrumental Materials Practicum
Prerequisite: MUG 3104. This is a comprehensive course that emphasizes effective score reading and rehearsal techniques of instrumental ensembles.

MUE 3480 - Marching Band Techniques
Prerequisite: Junior standing. This course deals with the presentation, examination, evaluation and practical application of standard and contemporary marching and arranging techniques for the high school and college band director. It is required of all music education majors.

MUE 3491 - Choral Materials Practicum
Prerequisite: MUG 3104. This course centers on secondary school choral programs. All forms of choral music will be examined and conducted. Varied literature for high school choirs will be studied and discussed.

MUG 3104 - Basic Conducting
Prerequisite: One year of college music theory. This is a beginning conducting course designed to develop the necessary techniques required for basic conducting. Conventional patterns, problems with the multi-metric score, and transposition are covered.
MUG 3302 - Advanced Instrumental Conducting
Prerequisite: Successful completion of MUT 1112 and MUG 3104. This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniques. Course may be repeatable for credit.

MUN 2012 - Instrumental Ensemble
Prerequisite: Consent of instructor. The class will study and perform compositions for various instrumental combinations.

MUN 2120 - Concert Band
Admission is by audition of instrumental music majors and other university students. The band performs annual concerts of traditional and contemporary band literature and is required of instrumental majors. It may be repeated for credit up to 12 times.

MUN 2310 - UNF Concert Choir
This mixed choral ensemble is designed to meet the ensemble requirement for classical music majors. The course is open to non-music majors. The repertoire includes music from the Renaissance to the Twentieth Century. Performances may be required. Repeated for credit up to 8 times.

MUN 2510 - Piano Accompanying
Prerequisite: Consent of instructor. The course will offer instruction in vocal and instrumental accompanying. May be repeated for a total of 4 credits.

MUN 2710 - Jazz Ensemble
Prerequisite: Consent of instructor and/or audition panel through an audition. The course includes the performance of jazz repertoire through the big band medium. Music reading skills are required. There are scheduled performances on and off campus. It may be repeated for credit up to 8 times.

MUN 2711 - Combo Lab
Prerequisite: Audition by jazz faculty. The student will learn how to function in a jazz combo setting. The course will focus on developing listening and adaptive skills in a small group situation. May be repeated two times for a maximum of two credits.

MUN 3013 - Pep Band
All university instrumentalists are encouraged to participate. The ensemble will perform at UNF basketball games and other important university events. May be repeated for credit up to 8 times.

MUN 3123 - Concert Band
Admission by audition of instrumental music majors and other university students. Performs annual concerts of traditional and contemporary band literature. Required of instrumental majors. May be repeated for credit up to 12 times.

MUN 3313 - UNF Concert Choir
This mixed choral ensemble is designed to meet the ensemble requirement for classical music majors. The course is also open to non-music majors. The repertoire includes music from the Renaissance to the Twentieth Century. Performances may be required. May be repeated up to 8 times.

MUN 3323 - North Florida Women’s Chorale
Prerequisite: The student should have some prior choral experience. This choral ensemble prepares music of all styles (madrigals, spirituals, motets, show, and pop) for public performance. The course may be repeated for credit up to 8 times.

Music - History and Appreciation
MUH 2012 - Enjoyment of Music
An introduction to musical elements, forms, and style periods with emphasis on composers’ lives, individual styles and representative works. Designed to stimulate the student’s love of music and to create listening skills. Music will be studied from the Medieval through the 20th century periods.
MUH 2015 - American Music: Past and Present  
This course looks at the music of America, from early blues to free jazz of the 1970’s. Also, American classical composers of the 20th century and their impact will be studied.

MUH 2017 - The History and Appreciation of Rock  
A study of the origins and development of rock and roll music from rhythm and blues, country and western, to current trends in pop and rock. Aural recognition of representative recordings will be required.

MUH 2018 - The Evolution of Jazz  
A historical survey of the evolution of jazz from primitive African elements through its fusion with Western hymns, work songs and military music. Various styles of jazz will be studied from Dixieland through modern/contemporary jazz forms.

MUH 2501 - World Music  
This course deals with the native music of Indian Asia, China, Japan, Korea, and Africa. Students will become acquainted with the music of these countries and continents through selected musical examples and extensive listening assignments.

MUH 3055 - FC - African American Musical Heritage  
An examination of the roles and character of music in Western African society from the early 17th century. These traditions from which the music evolved will be traced from slavery through modern times. In doing so, a careful study will be made of field hollars, work songs, blues, spirituals, gospel and certain aspects of popular music as to their influence on the development of modern American music.

MUH 3211 - Music History I  
Prerequisite: Four semesters of music theory. The history of music from ancient times through the Classical period.

MUH 3212 - Music History II  
Prerequisite: Four semesters of music theory. The history of music from the Romantic period to the present, including an emphasis on American music.

MUL 4400 - Piano Literature I  
The course presents standard compositions of the piano repertoire through the Classical era.

MUL 4401 - Piano Literature II  
The course deals with piano repertoire from the Romantic Era to the present.

MUL 4602 - Vocal Literature  
The course will examine the standard vocal repertoire from early Italian songs through contemporary vocal compositions. Also included will be study of French song literature, German lieder and operatic repertoire.

Music - Theory  
MUC 2211 - Music Composition I  
Prerequisite: Permission of instructor. In this class students will be introduced to the creative uses of musical material, traditional musical forms, developmental procedures and performance resources. Various short works of twentieth century composers will be used as models.

MUC 2221 - Music Composition II  
Prerequisite: Successful completion of MUC 2211. In this class students will further examine the creative uses of musical material, traditional musical forms, developmental procedures and performance resources. Various short works of twentieth century composers will be used as models.

MUC 3231 - Music Composition III  
Prerequisite: Successful completion of MUC 2221. In this class students will further examine the creative uses of musical material, the various possibilities of musical form, developmental procedures and performance resources. Individual projects will provide a focus for the semester’s work.

MUC 3232 - Music Composition IV  
Prerequisite: Successful completion of MUC 3231. In this class the student will further examine the creative uses of musical material, the various possibilities of musical form, developmental procedures and performance resources. Individual projects will provide a focus for the semester’s work.

MUC 4241 - Music Composition V  
Prerequisite: Successful completion of MUC 3232. This class is for the advanced composition student. The emphasis at this level will be on technical excellence, musical sophistication and originality. It is expected that students in this class will work on larger, multi-movement projects. Performance of finished works on Performance Lab or in special recital is encouraged.

MUC 4242 - Music Composition VI  
Prerequisite: Successful completion of MUC 4241. This class is for the advanced composition student. The emphasis at this level will be on technical excellence, musical sophistication and originality. Larger individual projects will provide a focus for the semester’s work. An individual composition recital is encouraged for students completing this sixth semester of study.

MUT 1011 - Fundamentals of Music  
The materials of Music: rhythm, melody, tempo, dynamics, harmony, texture, tonality, timbre, form, style, mood. Selected skills in music: listening, singing, reading, playing instruments.

MUT 1111 - Theory I  
The course consists of an introduction to the basics of music theory and the techniques and concepts of voice leading as practiced during the common practice period.

MUT 1112 - Theory II  
Prerequisite: MUT 1111. The course consists of a continuation of the basics of music theory and the techniques and concepts of voice leading as practiced during the common practice period.

MUT 1241 - Theory I, Aural  
This is a beginning course designed to help the student develop abilities to recognize, write and reproduce music they see or hear. Emphasis will be on simple major and minor scales, primary chords and their inversions, simple melodic intervals, and simple duple and compound duple meters.

MUT 1242 - Theory II, Aural  
Prerequisite: MUT 1241 or permission of instructor. Corequisite: Theory II, Written. This is a continuation of Theory I, Aural. It includes stepwise fragments from major and minor scales, inversions of primary chords with non-chord tones, melodies with chromatic non-chord tones, duple and triple groupings and basic syncopation.
MUT 1361 - Jazz Fundamentals I
Introduction of study of jazz theory. Use of chords and jazz voicing on keyboard. Study of chord/scale relationships and analysis of chord progressions from American standards.

MUT 1362 - Jazz Fundamentals II
Prerequisite: MUT 1361. Introduction of jazz theory. Use of chords and jazz voicing on keyboard. Study of chord/scale relationships and analysis of chord progressions from American standards.

MUT 2116 - Theory III
Prerequisites: MUT 1111 and MUT 1112. The course consists of a continuation of skills learned in first-year theory and an introduction to the techniques and skills required to analyze and write music with chromatic harmony.

MUT 2117 - Theory IV
Prerequisites: MUT 1111, MUT 1112 and MUT 2116. The course consists of a continuation of the techniques and skills required to analyze and write music with chromatic harmony. Also included is the study of orchestration.

MUT 2246 - Aural Theory, Advanced
Prerequisites: MUT 1241 and MUT 1242 or permission of instructor. Corequisite: MUT 2116. This is a continuation of Theory II, Aural. It includes diatonic chord progression with inversions, melodies with skips, chromatic non-chord tones, modulations to closely related keys, and simple meters with various note values as basic beat.

MUT 2247 - Aural Theory, Advanced
Prerequisites: MUT 1241, MUT 1242 and MUT 2246 or permission of instructor. Corequisite: MUT 2117. This course is a continuation of Aural Theory, Advanced (MUT 2246). It includes stepwise progressions with large skips, triadic outlines through secondary dominants, incomplete non-chord tones, rhythm patterns with different note values as basic beats, syncopation between and within the beat.

MUT 2641 - Jazz Improvisation I
Prerequisite: MUT 1361 and MUT 1362 with B average and scale audion. Beginning level in learning the art of jazz improvisation. Improvisation of modal tunes and over the II7-V7 progression in all major keys.

MUT 2642 - Jazz Improvisation II
Prerequisite: Grade of B or above in MUT 2641. Continuation of Improvisation I. Presentation of tunes with more difficult harmonic construction and introduction of minor II-Vs.

MUT 3611 - Form and Analysis
Prerequisite: Two years of college theory. Analysis of musical forms in western music.

MUT 3643 - Jazz Improvisation III
Prerequisite: Grade of B or above in MUT 2642 and scale audion. Advanced techniques and practices of jazz improvisation.

MUT 3644 - Jazz Improvisation IV
Prerequisite: Grade of B or above in MUT 3643. Continuation of Jazz Improvisation III and advanced skills and techniques of jazz improvisation.

MUT 3648 - Vocal Improvisation/Piano III
Prerequisites: MUT 2117; MUT 2641 and MUT 2642; MVK 1111 and MVK 1112. This course is designed to give vocal jazz majors advanced training in improv as well as intermediate piano skills.

MUT 3649 - Vocal Improvisation/Piano IV
Prerequisite: MUT 3648. This course continues the improv and piano skills from Vocal Improv/Piano III.

MUT 4311 - Orchestration
Prerequisite: Two years of college music theory. An examination of the instruments of the symphony orchestra and wind ensemble. Includes analysis and scoring techniques.

MUT 4365 - Jazz Arranging I
Prerequisite: Grade of B or above in MUT 1361 and MUT 1362. Jazz harmony, melody and rhythm applied to traditional jazz instrumentation. Emphasis on mechanical aspects of arranging (transposition and capabilities of instruments). Performed projects will be written for groups of 12 or less.

MUT 4366 - Jazz Arranging II
Prerequisite: MUT 4365. This course is a continuation of Jazz Arranging I with emphasis on writing for full jazz band. Various techniques such as unison, block and drop-two applied to the wind sections of a jazz band. Term concludes with a performance of each student’s complete big band arrangement with score and parts.

MUT 4367 - Jazz Arranging III
Prerequisite: Grade of B or above in MUT 4366. This course is the continuation of Jazz Arranging I-II with emphasis on jazz composition and analysis and synthesis of compositional techniques of successful jazz and American popular music composers such as Duke Ellington, George Gershwin, Jerome Kern, Cole Porter and Wayne Shorter.

MUT 4368 - Jazz Arranging IV
Prerequisite: MUT 4365, MUT 4366 and MUT 4367. This course is a study of styles and techniques employed by various successful jazz arrangers and composers. Term concludes with a performance of each student’s complete big band arrangement and/or composition with score and parts.

MUT 4421 - 18th Century Counterpoint
Prerequisite: Two years of college music theory. An intensive study of the contrapuntal styles of the baroque masters. Includes analysis and technique.

MUT 4626 - 20th Century Music Theory
Prerequisite: Two years of college music theory. A study of 20th century compositional techniques. Includes analysis and synthesis.

MUT 4650 - Composition and Improvisation
This course will include both imitative and original composition as well as experimental and nontraditional styles. In addition, students will be given assignments in improvisation.

MUT 4663 - Jazz Styles and Analysis I
Prerequisite: Grade of B or above in MUT 1361 and MUT 1362. A study of jazz styles from the New Orleans era to the “Cool” era. Includes analysis of transcribed solos as recorded by major artists.

MUT 4664 - Jazz Styles and Analysis II
Prerequisite: MUT 4663 or permission of instructor. A study of jazz styles from hard bop to the present. Includes analysis of transcribed solos as recorded by major artists.
Philosophy and Religion

PHH 3100 - Ancient Philosophy
A survey of the major metaphysical, epistemological and ethical issues which concerned the ancient Greek and Roman philosophers. Included will be pre-Socratics, Plato, Aristotle, the stoics, the epicureans and the Neo-Platonists.

PHH 3120 - FC - The Greek Experience
An interdisciplinary course, weaving together the history, art, and philosophy of ancient Greece. We will focus on certain concepts the Greeks bequeathed us which are still important. We will try to think about polis, logos, nous, psyche, arête, in the way that a Greek might have thought about them.

PHH 3400 - Modern Philosophy
An examination of major philosophical developments accompanying the emergence of the modern world. The course focuses on the chief thinkers of the 17th and 18th century, including Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

PHH 3500 - 19th Century Philosophy
Prerequisite: One course in philosophy other than a foreign culture, or permission of instructor. An exploration of major philosophical developments which follow the French Revolution and culminate with the beginning of the 20th century. Special attention is given to the contemporary relevance of 19th century thought. Readings from Hegel, Marx, Kierkegaard, Schopenhauer, Dilthey and Nietzsche.

PHH 3511 - The Philosophy of Zen Buddhism
Zen is the meditative school of traditional Buddhism. This course is a critical examination of the literary, philosophical and historical roots and teachings of Zen. We will begin with a general introduction to Buddhism, then read some Chinese and Japanese Zen texts, in an effort to understand them as expressions of Asian culture, as responses to philosophical problems, as exercises testing the limits of reason, and as expedient means to awaken “the true self of compassionate wisdom.”

PHH 3820 - FC - Chinese Philosophy
Chinese Philosophy traces the historical development of the major, traditional movements in thought, religion, and philosophy. Beginning with the Chinese classics, its explores the ideas of Confucianism, Mohism, Daoism, Legalism, Buddhism, and Neo-Confucianism. Readings in primary sources are emphasized.

PHH 3860 - The Japanese Mind
A study of Japanese cultural thought with an emphasis on the philosophy behind Shinto, Zen Buddhism, the samurai spirit (Bushido), Japanese aesthetics, and modern Japanese-Western intellectual interactions; critique of “orientalism”: how West understands East.

PHH 4601 - 20th Century Continental Philosophy
Prerequisite: PHH 3400 or PHH 3500 or with permission of instructor. An examination of major issues and figures in 20th century continental philosophy. Attention is given to phenomenology, existentialism, semiotics, structuralism, post-structuralism, and deconstruction. Readings taken from recent German and French authors.

PHH 4620 - 20th Century Philosophy: Anglo-American Tradition
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. The history of philosophy in the present century in the English-speaking world is marked by a turn away from speculative metaphysics toward the logical analysis of language. This course traces the history of that development from Russell through Wittgenstein and the “logical positivists” up to the present trend toward applied ethics.

PHI 2100 - G(3) Introduction to Philosophy
An introduction to the rudiments of philosophical thinking, which is designed to clarify the differences between philosophy and other human activities such as science and religion. The course will introduce students to a range of philosophical problems and methods.

PHI 2100 - G(3) Reasoning and Critical Thinking
Principles of sound reasoning, language analysis and definition, the logic of classes and propositions and discussions of philosophical issues.

PHI 2630 - G(3) Contemporary Ethical Issues
An attempt to provide the student with a theoretical framework to approach the great moral issues of our time.

PHI 2930 - Selected Topics: Philosophical Inquiry
Selected topics in philosophy.

PHI 3130 - G(M) Symbolic Logic
Truth table and natural deduction approaches to modern logic. Propositional calculus, predicate calculus, logic of relations, identity and definite descriptions.

PHI 3601 - Ethics
Ethics considers questions such as “How should I live?” and “How do I decide the right thing to do and why should I do it?” This course deals with those questions in the areas of moral metaphysics, meta-ethics and normative theories of moral conduct which come from the history of philosophy back to the time of Plato and Aristotle. Other theorists to be discussed include Immanuel Kant and John Stuart Mill, and may include figures such as Thomas Hobbes, David Hume and John Dewey, as well as contemporary theorists.

PHI 3632 - Ethics of Sex and Gender
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 3640 - Environmental Ethics
This course will cover intrinsic and instrumental value approaches to environmental ethics, alternative environmental ethical approaches, and special environmental ethical issues. The goal of the course is to familiarize students with all the major approaches to environmental ethics and with a few particularly philosophically interesting environmental ethical issues. Students will appreciate and understand the complexity and intricacy of the arguments involved in adopting one approach or position over another.

PHI 3641 - Business Ethics
This course examines the theoretical foundations of business ethics as well as various ethical issues which arise on personal, corporate, national and global levels in the business world. The course will
include: an examination of a philosophical context for business ethics; and exploration of relevant ethical and social-political theories; consideration and discussion of real-world business ethical issues. Readings and lectures will be complemented by class discussion and an ongoing focus on case studies.

PHI 3643 - Ethics and Literature 3
This course explores the ways in which ethical theory and literature inform one another. We will consider how ethical perspectives are illustrated in works of fiction, and whether fiction itself can be a form of moral philosophy. Students should gain an understanding of several moral theories, develop an appreciation of the importance of fictional narrative to ethical life and theory, and of the potential value of moral philosophy to literary criticism. We will examine both texts in philosophical ethics, by such figures as Sartre, Derrida, and Martha Nussbaum, and works of fiction, by such authors as Jane Austen, Virginia Woolf, and Philip K. Dick.

PHI 3700 - Philosophy of Religion 3
Prerequisite: PHI 2010 or permission of instructor. This course approaches religion as a phenomenon common to human experience. Religion is examined from the perspective of reason rather than revelation. Philosophy of religion is concerned with philosophical conceptions of deity, the truth claims of differing religions, of revelation, faith, and the problem of verification.

PHI 3800 - Aesthetics 3
This course will examine questions such as What is art? What is beauty? What is the nature of aesthetic experience? What is an aesthetic object? What is the role of creativity in making and judging art? Can a work of art have more than one meaning? What is the role of the art critic? and Can art be immoral? We will examine the theories of philosophers and members of the art community from the time of Plato to the present day.

PHI 3880 - Philosophy of Film 3
Philosophy of Film is a course in the aesthetics of films. The course is divided into four parts: (1) film aesthetics, focusing on aesthetics vocabulary and the aesthetic components of film; (2) film as art, focusing on art theory and the film artist; (3) film form, focusing on the mechanics and aesthetics of film form, on film genre, and on film theory; (4) film criticism, focusing on criticism, censorship, and critical film reviews.

PHI 3881 - Philosophy of Music 3
This course introduces students to the variety of philosophical perspectives that have enhanced our understanding of the phenomenon of music. The identity of “music” is explored in light of different cultural, social, and aesthetic contexts. We focus on the linguistic character of music as a symbolic form, the source and nature of emotional experiences through music, the cultural and social contexts of music production and reception, and the normative question of how to evaluate musical products and performances. The course offers original insights into music, while teaching basic theoretical insights of linguistic, social-psychological, and cultural philosophy.

PHI 3935 - Ancient Philosophy: Selected Topics 3
This course examines diverse topics in ancient Greek Philosophy, focusing on issues in epistemology, metaphysics, ethics, psychology, or political philosophy. Each semester the course typically addresses a theme, a single author, a school, a comparative analysis, or an assessment of the contemporary relevance of the thought of Greek philosophy. Works studied include those of the Presocratics, Plato, Aristotle, Hellenistic, or Neoplatonic philosophers.

PHI 4220 - Philosophy of Language 3
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. Language is the most distinctive characteristic of humans. This course will examine a cluster of problems and theories about language including the relation of language to the world, the meanings of propositions, the problem of truth, and what language reveals about the possibility of “innate ideas”.

PHI 4300 - Epistemology 3
Prerequisite: PHI 2010 or equivalent. Epistemology, the theory of knowledge, is often taken to be a foundational area of philosophy. This course will examine a constellation of related problems, starting with the question: What, if anything, can we know, how do we know what we know, and how can we be certain that what we know is true?

PHI 4320 - Philosophy of Mind 3
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. An attempt to define the relationship between the mind and the body and to explore the relationship between the mind-body problem, freedom and immortality. Topics include the history of the notions of soul, mind, and body; the relationship between the brain and the mind; and computer intelligence.

PHI 4400 - The Philosophy of Science 3
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. A philosophical exploration of nature and the foundations of both the natural and the social sciences. Topics will include the structure of scientific explanation, the nature of theories, the possibility of scientific revolution, the idea of a science of human behavior and the relationship between science and human values.

PHI 4420 - Philosophy of the Social Sciences 3
An examination of the nature, foundations, and aims of the social sciences. Attention is given to differing accounts of human action, the nature of social explanation, the structure of comparative social analysis, and the conditions for societal evaluation. Special consideration given to the relationship of the social sciences to the humanities and the natural sciences.

PHI 4500 - Metaphysics 3
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. The ultimate nature of reality is probably the oldest and deepest philosophical problem. A number of answers to the question “What is really real?” have been given, several of which will be considered in this course. Special emphasis on the ontological status of minds, universals, matter, and God.

PHI 4905 - Directed Individual Study v. 1 - 3
May be repeated for a total of 12 credits under different topics.

PHI 4930 - Special Topics in Philosophy 3
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. Topics of importance in philosophy. May be repeated up to 9 credits under different topics.
PHM 4340 - Contemporary Political Philosophy 3
Prerequisite: One course in philosophy or political science, or permission of instructor. An investigation of specific philosophical problems or issues. Topics vary. May be repeated for 12 credits with consent of instructor.

PHI 4970 - Senior Honors Thesis 3
Research and honors thesis writing under the supervision of a departmental committee. May be repeated for a maximum of 6 credits.

PHM 2030 - Ecological Philosophy 3
In this course, we examine the conceptual foundations of the way we relate to our environment, alternative ecological frameworks, and the mutual influence of philosophical theory and ecological practice. This course will have five parts: metaphysics, values, approaches to environmentalism, environmental practice in general and environmental practice in Jacksonville and at UNF. The goal of this course is to familiarize the student with the variety of value approaches one can take toward the natural environment.

PHM 3020 - Philosophy of Love and Sex 3
This course is an examination of contemporary views of love and sex as well as their roots in earlier philosophical conceptions. The course covers such topics as erotic love and the self, homosexuality and heterosexuality, non-erotic love, and the ways love, sex, and marriage may affect women and men differently.

PHM 3100 - Social Philosophy 3
An analysis and evaluation of different accounts of society, social order, and human sociation. Readings from classical social philosophers and contemporary social theorists.

PHM 3300 - Political Philosophy 3
An examination of central concepts in political thought, including rights, laws, justice, liberty, obligation, political sovereignty, legitimate authority and the nature of political community. Emphasis is on classical theories and their relation to contemporary issues.

PHM 3361 - Philosophy of Democracy 3
A philosophical exploration of the nature of democracy. Principal consideration is given to ancient Greek, classical modern and contemporary accounts of democratic theory. Themes in democratic theory are also examined as they pertain to notions such as constitutionalism, group representation, worker self-management, media politics, multiculturalism, feminism, and globalism.

PHM 3400 - Philosophy of Law 3
Prerequisite: One course in philosophy. Introduction to philosophical issues in legal theory. Focus is on such concepts as justice, rights, civil liberties, authority, responsibility and punishment. Attention is also given to the relation of law to psychiatry and to morality.

PHM 3500 - Philosophy of History 3
Prerequisite: One course in philosophy. An examination of major theories of historical development and explanation. Emphasis placed on the relation of history to nature, human nature, freedom, determinism, progress, regression, cyclicality, eschatology, science, morality and religion. Attention also given to different accounts of historical understanding, historical objectivity, historical causation and the subject matter of history.

PHM 4340 - Contemporary Political Philosophy 3
Prerequisite: One course in philosophy or political science, or permission of instructor. This course examines main trends in recent and current political philosophy. Emphasis is on contemporary philosophical treatments of concepts like rights, liberty, justice, equality, democracy, power, the state, and the political itself. These concepts are explored while examining (a) new theoretical developments like communitarianism, feminism, poststructuralism, hermeneutics, discourse and difference theory, and (b) current reformulations of such classical positions as utilitarianism, liberalism, socialism, and republicanism.

PHP 3786 - Existentialism 3
The course offers a systematic introduction into the major issues and ideas of Existentialist thought, drawing on both philosophical and literary works of Jaspers, Heidegger, Sartre, de Beauvoir and Camus, among others. Topics include the definition of human nature, the relation to others, and the possibility of an Existentialist ethics.

PHP 4410 - Kant 3
Prerequisite: One course in philosophy or permission of instructor. This course explores the thought of Immanuel Kant (1724-1804), focusing on the totality of his “critical” philosophy as expressed in his writings on epistemology, science, metaphysics, ethics, morality, religion, and aesthetics. Attention is also given to Kant’s “popular” writings on history, politics and culture.

PHP 4782 - Phenomenology 3
Prerequisite: One course in philosophy other than foreign culture, or permission of instructor. This course deals with the central questions and methods of contemporary phenomenology, with emphasis on the primacy of experience, the structures of perception and the construction of the world, with readings in Husserl, Heidegger, Sartre, Merleau-Ponty and others.

REL 2300 - CD - Comparative Religion 3
Comparative Religion first introduces students to the major religions of the world, and then seeks points of comparison between those religions in an effort to come to terms with the common bases of human religious experience.

REL 2930 - Selected Topics v. 1 - 4
Variable topics in religion.

REL 3012 - CD - Myths and Rituals 3
This course will examine the use of myths, rituals and symbols in the structuring of religious worlds of meaning or “sacred worlds.” For this study a “religious” world will refer to a world that is structured from a “sacred” source of life-giving power for the human and natural world. The focus of the first part of the course will be the study of Native American stories, practices, and symbols that exemplify a “religious world.” The second part of the course studies the effects of modernity on myths, rituals and symbols through a study of the process of secularization. The final part of the course concerns remything processes in postmodern culture through a study of current approaches to reestablishing a sacred context using myths, rituals and symbols.

REL 3012 - CD - Religion as Culture 3
This course will introduce students to one of the primary approaches to Religious Studies: the Social Scientific Study of religion as culture. We will begin with a unit examining classical theorists (Durkheim and Weber) and current theoretical developments and exploring some key methodological issues. In Units Two and Three we will draw on case studies illustrating religious diversity to refine/apply our understanding of theory and method.
REL 3120 - Religion in America
This course is intended to give students an overview of the variety of religious expressions found in the United States. We will begin with a unit designed to provide historical context, and then move to a unit that explores the development of political conflict around religion and religious issues, and conclude with a unit that provides a sampling of current movements and trends in religion. In each unit, we will pay attention to the practice of religion (as opposed to merely emphasizing belief systems) as well as to the relationship between religion and culture. Through readings, lectures, class discussions and a group project, the course explores the growth and diversity in American religion and the conflict produced by that diversity.

REL 3145 - Women and Religion: The Western Experience
This course involves a historical examination of the connection between gender and religion in Western culture. The role of women in the Judaic-Christian tradition will be the focus. Attention will be paid to the transition of emphasis on the female principle in early spiritual movements to the patriarchal structure of contemporary religious expression.

REL 3148 - Religion and Violence
This course will explore the relationship between religion and violence by looking at studies of several different groups (Muslim, Jewish, Christian, and Buddhist) that claim religious justifications for violence. We will then explore some theoretical perspectives aimed at explaining what many see as this paradoxical relationship. Finally, we will look at American cultural religion (sometimes called American Civil Religion) to explore the ways in which Americans have sacralized and memorialized recent acts of ritual violence. Instructional methods include readings, lecture, discussion and a group project.

REL 3213 - Hebrew Bible/Old Testament
Students will explore the classical Old Testament texts as well as historical background material and will exchange their views in classroom discussions. This class will seek to encounter the great adventure of the human race discovering itself and its place in the world—a challenge which still confronts us with greater urgency in our own time.

REL 3241- New Testament
Students will explore the classical New Testament texts as well as historical background material and will exchange their views in classroom discussions. This class will seek to encounter the great adventure of Christianity discovering itself and its place in the world—a challenge which still confronts Christians with even greater urgency.

REL 3293 - Selected Topics: Biblical/Scriptural Studies
May be repeated for a total of 9 credits under different topics.

REL 3310 - Asian Religions
This course examines the historical and theological developments within the (1) Islamic, (2) Hindu, (3) Buddhist, (4) Taoist, and (5) Shinto religious traditions. Lectures focus on cultural, philosophical and historical issues relevant to the religion studies. Emphasis is placed upon reading primary source material.

REL 3330 - Religions of India
This course studies the major religions that originated in India or which have had major influence upon the Indian subcontinent. It is a critical analysis of some of the primary scriptures and a respectful comparison with European and American philosophical ideas and religious beliefs. The course will focus upon Hinduism, Buddhism, and Islam, but there will be consideration of the Jains, the Sikhs, the Zoroatrians, and upon Jews and Christians in India.

REL 3443 - Liberation Theologies
This course will identify and explore the religious foundations of the Black Awareness, Third World, and Women’s Liberation movements. A process of lecture, discussion, scheduled readings, research and student papers will further a theological appraisal of the political, social, moral and religious issues generative of these movements.

REL 3505 - History of Christian Thought
This course surveys the historical phenomenon of Christianity. It traces its growth and influence and gives attention to key figures active in the process, from primitive Christianity, the medieval period and the Reformation, to modern times. It seeks not so much to discern the unfolding of a grand design as to see people dealing with the immediate realities of life, thereby finding or creating meaning in the engagement.

REL 3607 - Selected Topics in Jewish Studies
An examination of one of several alternating topics in Jewish thought and history: Rabbinic Judaism; Zionism and the Emergence of Israel; The Cabala and Jewish Mysticism; The Holocaust.

REL 3930 - Selected Topics: History of Religion
May be repeated for a total of 9 credits under different topics.

REL 3936 - Selected Topics: Religious Thought
May be repeated for a total of 15 credits under different topics.

Physical Sciences
AST 2002 - Basic Astronomy
Prerequisites: High school algebra and trigonometry. Survey of current knowledge of the astronomical universe and of how that knowledge has been accumulated. Students will study the solar system, stars, and galaxies, and will review contemporary research and exploration. There will be occasional observing sessions. Three hours lecture.

AST 2002L - Basic Astronomy Laboratory
Corequisite: AST 2002 or permission of instructor. An introductory laboratory course with exercises on vision and optics, telescope structure and design, and observing the sun, moon, planets, nebula, and other sky objects. Some required observing sessions will occur at times other than the scheduled laboratory class. Three hours laboratory. (A laboratory fee of $25 will be assessed.)
GLY 2001C - Earth Science 3
This course is an introduction to the earth as a system including the lithosphere, atmosphere, and the hydrosphere. Topics for discussion will include the formation of the earth and the evolution of its landscape, the atmosphere and concepts of weather and climate, the evolution of the ocean basins and the impact of the oceans on the continents, and human’s impact on the earth systems. There will be two hours lecture and three hours laboratory. (A laboratory fee of $25 will be assessed.)

ISC 2074 - Colonization of Space 2
Prerequisite: AST 2002 or equivalent. In this course students will study the ongoing exploration of outer space, with special attention paid to economically important activities such as weather, communication and earth resources, satellites, and planned facilities, such as the space station, satellite power stations, manufacturing facilities and colonies. Two hours lecture.

PSC 3730 - Science in the Arts 3
A basic course in the physical and chemical principles fundamental to the arts, including the physics of light and sound, human sight and hearing, the nature of color perception, pigments, photography, clays and glazes. (Cannot be used to satisfy degree requirements by natural science majors.) Three hours lecture.

PSC 4905 - Directed Independent Study v. 2 - 4
Prerequisite: Permission of instructor. Variable topics as related to recent advances in physics. May be repeated up to 12 credits with different topics.

Physics

PHY 1020C - Introduction to Physics 3
Prerequisite: High school algebra. This course is an introduction to physics involving a study of motion, forces, conservation laws, heat, entropy, electricity, magnetism, waves, relativity and quantum theory. The cultural aspects of physics and the scientific method will be included. This course is for students who have had no previous physics, including high school physics. (The course cannot be used by natural science majors to satisfy degree requirements.) There will be two hours lecture and three hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 2048 - Calculus-based Physics I 4
Prerequisites: MAC 2311 and high school physics with a minimum grade of B or PHY 1020C. Corequisite: MAC 2312. An introduction to the fundamental laws and theories of physics with emphasis on mechanics, heat and wave motion. Four hours lecture.

PHY 2048L - Calculus-based Physics I Laboratory 1
Corequisite: PHY 2048. Laboratory exercises to accompany PHY 2048. Three hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 2049 - Calculus-based Physics II 4
Prerequisites: PHY 2048 and MAC 2312. A continuation of PHY 2048 with emphasis on electricity, magnetism and light. Four hours lecture.

PHY 2049L - Calculus-based Physics II Laboratory 1
Corequisite: PHY 2049. Laboratory exercises to accompany PHY 2049. Three hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 2053 - Algebra-based Physics I 3
Prerequisites: MAC 1105, MAC 1114 or MAC 1147 and high school physics with a minimum grade of B or PHY 1020C. An introduction to mechanics, waves and heat. Calculus not required. Three hours lecture.

PHY 2053L - Algebra-based Physics I Laboratory 1
Corequisite: PHY 2053. Laboratory exercises to accompany PHY 2053. Three hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 2054 - Algebra-based Physics II 3
Prerequisite: PHY 2053. An introduction to electricity, magnetism, light and modern physics. Calculus not required. Three hours lecture.

PHY 2054L - Algebra-based Physics II Laboratory 1
Corequisite: PHY 2054. Laboratory exercises to accompany PHY 2054. Three hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 2930 - Selected Topics in Physics v. 2 - 4
Prerequisite: Permission of instructor. Variable topics in physics appropriate for students in their freshman or sophomore years.

PHY 3101 - Modern Physics 3
Prerequisite: PHY 2049. Corequisite: MAC 2313. The fundamental developments in physics during the period from 1890 – present, which include relativity, atomic theory and structure, X-rays, the origin of quantum theory, radioactivity and nuclear reactions. Three hours lecture.

PHY 3101L - Modern Physics Laboratory 1
Corequisite: PHY 3101 or permission of instructor. Experiments exploring radiation and the atomic nature of matter, including the photoelectric effect, atomic emission and absorption spectroscopy, the Franck-Hertz experiment, electron spin resonance and nuclear radiation. Four hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 3220 - Classical Mechanics 4
Prerequisites: PHY 2049 and MAC 2312. Corequisite: MAP 2302. Principles of Newtonian mechanics applied to the motion of particles and systems of particles, harmonic oscillators, noninertial reference systems, rigid-body motion, Lagrange’s equations with applications and computational methods applied to mechanics. Four hours lecture.

PHY 3323 - Electricity and Magnetism 4
Prerequisites: PHY 2049 and MAC 2313. The study of electromagnetic phenomena; electrostatic potentials from Laplace’s and Poisson’s equations; effects of dielectric and magnetic materials; magnetic fields and potentials; induced emf; Maxwell’s equations; electromagnetic radiation and waves; computational methods applied to electricity and magnetism. Four hours lecture.

PHY 3424 - Optics 3
Prerequisites: PHY 2049 and MAC 2313. Geometrical and physical optics. Treatment of lenses and mirrors, optical instruments, interference, diffraction and polarization phenomena, and computational methods applied to optics. Three hours lecture.

PHY 3722 - Electronics for Scientists 3
Prerequisites: PHY 2049, MAC 2312. Corequisite: PHY 3722L. This is an introductory course in electronic design and circuitry with emphasis on common scientific instrumentation. Three hours lecture.
PHY 3722L - Electronics for Scientists Laboratory
Corequisite: PHY 3722. Laboratory exercises to accompany PHY 3722. Four hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 4523 - Thermodynamics and Statistical Mechanics
Prerequisites: PHY 3101 or CHM 4410C, and MAC 2313. Introduction to thermodynamics, statistical mechanics and kinetic theory, including ensembles and partition functions. Three hours lecture.

PHY 4604 - Quantum Mechanics
Prerequisites: PHY 3101, MAC 2313, and MAP 2302. A single semester introduction to the theory of quantum mechanics, including its postulates, operators and eigenvalues, exactly soluble potentials, scattering, angular momentum, atomic structure, and other applications. Four hours lecture.

PHY 4802L - Advanced Physics Laboratory
Prerequisites: PHY 3101L and PHY 3722L. This course consists of experiments in condensed matter, nuclear and other areas of physics research, including computational physics and optical physics. The student will learn how to use the computer to control experiments and obtain and analyze data. Six hours laboratory. (A laboratory fee of $25 will be assessed.)

PHY 4905 - Directed Independent Study in Physics
Prerequisite: Permission of instructor. Participation in research investigation under the supervision of an instructor. May be repeated up to 12 hours for credit under different topics.

PHY 4910 - Physics Research and Seminar
Prerequisites: Junior or senior standing and consent of instructor; PHY 3101L and PHY 3722L. Projects in experimental, theoretical, or computational physics conducted in collaboration with physics faculty. This course requires an oral and written research report by the student.

PHY 4930 - Selected Topics in Physics
Prerequisite: Permission of instructor. Applications of physics to topics of interest, especially to recent advances in physics. May be repeated up to 12 hours for credit under different topics.

PHZ 3113 - Mathematical Physics
Prerequisites: PHY 2049 and MAC 2313. Corequisite: MAP 2302. Application of mathematical methods to physics in areas including vector analysis, matrices and group theory, complex analysis, Fourier series and transforms, special functions, boundary-value problems, and numerical methods. Three hours lecture.

PHZ 3404 - Solid State Physics
Prerequisite: PHY 3101. The electrical, mechanical, optical and thermal properties of solids, and selected applications. Three hours lecture.

PHZ 4160 - Advanced Topics in Physics
Prerequisites: PHY 3220, PHY 3323, and PHY 4604. This is a study of advanced topics in classical mechanics, electricity and magnetism, and quantum mechanics. The course is intended primarily for those physics majors who plan to attend graduate school in physics. Four hours lecture.

PHZ 4303 - Nuclear Physics
Prerequisites: PHY 3101 and PHY 4604. An introductory course emphasizing nuclear structure, radioactivity, radiation detection methods, and nuclear reactions, and applications. Three hours lecture.

Political Science and Public Administration
CPO 2002 - Introduction to Comparative Politics
This course examines the political structures, processes, and institutions of selected advanced industrial societies.

CPO 3123 - FC - Politics and Society in Britain and Ireland
Prerequisite: CPO 2002 or consent of instructor. This course surveys political behavior and government institutions in the context of social change in modern Britain and Ireland.

CPO 4034 - Third World Politics
Prerequisite: CPO 2002 or consent of instructor. The subject of this course is political development in selected third world nations (including China), emphasizing the economic, social, and psychological conditions underlying political change.

CPO 4930 - Topics in Comparative Politics
Prerequisite: CPO 2002 or consent of instructor. The content of this course covers various specialized studies in the realm of comparative politics. May be repeated up to a total of 9 credits.

INR 2002 - Introduction to International Relations
Basic introduction to international politics and relations concentrating on describing the various ways nations interact with one another, how the world community looks at national power and how nations and the world community define and protect the national interest. In addition, the course examines and analyzes the role of international organizations in contemporary organizations in contemporary world politics.

INR 3016 - Global Issues in Contemporary Politics
This course promotes the understanding and analysis of significant trends in the emerging new world system and relates those trends and events to domestic politics and society in other nation states. The course also compares and analyzes comparative trends in political institutions, systems and changes in public policies in the world community.

INR 4334 - American Defense in the Nuclear Age
Prerequisite: POS 2041 or consent of instructor. This course surveys post-1945 defense issues. It offers a retrospective analysis of strategic (nuclear) issues during the Cold War era, then examines selected contemporary defense issues including the U.S. defense budget, post-Cold War strategic doctrines, unilateral and multilateral intervention and peacekeeping, ballistic missile defense, and proliferation of weapons of mass destruction.

PAD 4003 - Public Administration
Prerequisite: POS 2041 or consent of instructor. Exploration of the creation, growth and operation of public bureaucracies and their impact on the politics of modern industrial states.

PAD 4027 - Issues in Public Management
Prerequisite: POS 2041 or consent of instructor. Current developments and considerations in development of effective and responsible management of public agencies. Examination of decision making models and ethical, political, financial, personnel and policy questions as they affect managers and administrators in public sector organizations.

POS 2041 - Introduction to American Government
This course provides a broad look at government in the U.S., introducing major institutions and participants and considering various explanations of why our political system behaves as it does. The course reviews governmental response to major issues to illustrate both the power and limitations of our system of government.
POS 2930 - Special Topics: Television Course
Selected topics in political science offered through the format of a weekly television broadcast in conjunction with the local PBS station or other media. May be repeated up to 6 hours for credit under different topics.

POS 2932 - Special Topics in Politics
This course explores political and policy dilemmas associated with cultural and gender issues in both the U.S. and abroad. May be repeated up to 12 credits.

POS 3114 - Issues in State and Local Government
Prerequisite: POS 2041 or consent of instructor. Analysis of the structure, functions and processes of subnational governments in American state government, city government, metropolitan authorities.

POS 3413 - The American Presidency
Prerequisite: POS 2041 or consent of instructor. This course examines the constitutional role of the executive branch and the President’s profound influence on domestic and foreign policy. Presidential powers and behavior are analyzed in the context of legal, electoral, personal and other forces that shape and limit presidential actions. Executive functions at the subnational level may also be considered.

POS 3424 - Congress and the Legislative Process
Prerequisite: POS 2041 or consent of instructor. This course is designed to examine thoroughly the constitutional role of the legislative branch of the United States Government. It provides information on the procedures and personalities of the Senate and House and displays the central place of Congress in shaping domestic and foreign policy within a federal democratic system.

POS 3444 - Parties, Campaigns and Elections
Prerequisite: POS 2041 or consent of instructor. This course examines the development of the American party system and the relationship of mass parties, elections and governance. The effects of party and campaign organization and leadership on elections are considered, as well as the role of parties in models of voting choice and the theory of critical elections.

POS 3606 - The U.S. Supreme Court and other Federal Courts
Prerequisite: POS 2041 or consent of instructor. This course examines the role of the American Federal Courts, and especially the Supreme Court, in formulating public policy through judicial decision making.

POS 3679 - Mock Trial
Prerequisite: Consent of instructor. This course introduces the student to the various aspects of the American Jury trial process. Class participation in various roles in the trial process is required.

POS 3691 - The American Legal System
Prerequisite: POS 2041 or consent of instructor. Broad examination of the structure and operation of the U.S. legal system. Includes brief consideration of the other legal systems; the roles of the legal profession, U.S. Supreme Court, legislatures, and executive agencies; and analysis of the common law case approach to dispute resolution.

POS 3713 - Political Inquiry and Analysis
Prerequisite: CPO 2002 or consent of instructor. Introduction to research methods in political science, emphasizing concept formulation, measurement, research design, data collection and analysis and other activities involved in professional political research.

POS 3931 - Special Topics in Politics
Prerequisite: POS 2041 or consent of instructor. This course explores selected major political issues of the day. May be repeated up to 12 hours for credit under different topics.

POS 4033 - Controversial Political Issues
Prerequisite: POS 2041 or CPO 2002 or INR 2002 or by consent of instructor. This course provides an analysis wherein political decisions are the focus for conflicting ideological, moral or economic forces. This course is designed to enhance the student’s understanding of contemporary issues facing subnational, national and international policy makers.

POS 4167 - Urban Policy and Planning
Prerequisite: POS 2041 or consent of instructor. General analyses of principles and issues of administering city governments. Problems of local governmental managing, budgeting, planning and delivering urban services will be emphasized. Primary focus is the U.S., with reference to selected foreign countries.

POS 4173 - Southern Politics
Prerequisite: POS 2041 or consent of instructor. Political processes and problems characteristic of the southern States of the USA.

POS 4233 - Public Opinion and Interest Groups
Prerequisite: POS 2041 or consent of instructor. This course examines the impact of public opinion on the governmental process. The course considers the transformation of public opinion into interest group activities, and the impact of interest groups on the policy process. The course also considers political protest as well as the tendency to avoid political participation.

POS 4463 - Private Power and American Democracy
Prerequisite: POS 2041 or consent of instructor. This course critically analyzes economic interpretations of politics, and examines the pluralist, public choice, and Marxian views of the relationship between civil society and the state. Is the essence of democracy to express private power or is private power a distortion of democracy? The course focuses on the American case.

POS 4608 - Constitutional Law: Sources of Power and Restraint
Prerequisite: POS 3606 or consent of instructor. This course discusses the development of constitutional doctrine as it applies to judicial review, powers of the President and Congress, federalism, and courses of regulatory authority.

POS 4624 - Constitutional Law: Civil Rights and Civil Liberties
Prerequisite: POS 3606 or consent of instructor. This course discusses the development of constitutional doctrine as it applies to issues of individual liberty and rights including but not limited to rights outlined in the Bill of Rights, equal protection and due process.

POS 4905 - Directed Individual Study v. 1 - 4
Prerequisite: Completion of all core and field requirements, 3.0 grade point average in all political science courses, and permission of academic and career advisor. Supervised readings and/or research, coupled with presentation of a high-quality paper on a topic of interest to the student. May be repeated up to 12 credits under different topics.
POS 4932 - Special Topics in Political Science and Public Administration  v. 2 - 6
Prerequisite: POS 2041 or consent of instructor. Exploration of topics of enduring or emerging significance in political science or public administration. May be repeated up to 9 hours for credit under different topics.

POT 3003 - Political Thought and Action
This course considers concepts of political thought and action derived from such classical thinkers as Plato, St. Augustine, Hobbes, Locke, Rousseau and Hegel, as well as from readings in the modern traditions of liberalism, conservatism and socialism.

PO 4945 - Practicum: Legislative  v. 3 - 4
Prerequisite: POS 2041 or consent or instructor. This course provides a supervised field experience or research in politics or administration law.

POT 3075 - American Politics and Popular Culture
Prerequisite: POS 2041 or consent of instructor. This course systematically and critically explores how, and to what extent, American popular culture shapes our mediated political reality. It focuses on specific artifacts of popular culture: the commercial feature film, television, and popular literature.

POT 4314 - Democratic Theory
Democracy is a means of making decisions both within government and about governance. This course takes a critical look at democracy both as a process and a form of government. Democracy is compared and contrasted with other forms of governance and various forms of democracy, e.g., direct and representative are considered.

PUP 2312 - CD - Race/Gender/Political
This course introduces students to the struggle of minorities and women to participate in the formation of public policy in the United States.

PUP 3053 - Political Economy
Prerequisite: CPO 2002 or consent of instructor. This course examines the relationship between the division of labor, economic growth, relative wealth, politics, and spiritual impoverishment in the thinking of the historical Jesus, Adam Smith, and Karl Marx.

PUP 4003 - The Policy-Making Process
Prerequisite: POS 2041 or consent of instructor. Study of the legislative, executive, judicial and interest-group relationships in the making and administration of public policy in the USA.

PUP 4410 - Politics of Work
Work and its influence on political issue and public policy in modern industrial societies.

PUP 4506 - Evolution, Society and Politics
Prerequisites: POS 2041, or consent of instructor. “Biopolitics” explores the relationship of humankind’s evolutionary origins to present social and political behavior, particularly the emergence of state power and institutions. The course surveys key questions, issues, and controversies encountered in “biological” explanations of political phenomena. Additionally, the course examines some contemporary policy issues associated with developments in biotechnology.

PUP 4612 - Politics of Social Programs
Examines the political response to maldistribution of wealth and income with special emphasis on analysis of public policy alternatives for achieving social welfare.

Psychology

CBH 3004 - Comparative Psychology 3
Prerequisite: PSY 2012. This course surveys the major concepts and approaches of the comparative study of behavior across a wide variety of species. Course content emphasizes an integrative approach to psychology by promoting an understanding of behavior in the context of the biological, ecological, and social milieu of the organism.

CLP 4143 - Psychology of Abnormal Behavior 3
To increase the student’s comprehension of the biological, psychological and socio-cultural variables that influence the development of problem behaviors and the theories and research in the field of abnormal psychology.

CLP 4183 - Stress Management 3
Stress has been shown to be a significant factor in many mental and physical disorders. This course surveys the major techniques currently available to aid the individual in coping with the effect of stress. Drugs, hypnosis, medication, biofeedback and life-style modification are discussed and demonstrated.

CLP 4314 - Behavioral Medicine 3
Prerequisite: PSY 2012 and CLP 4183. An introduction to the contribution of psychology in understanding the etiology of pathological conditions such as headaches, hypertension and digestive disorders. In addition, the course will focus on ways in which medical and psychologic/treatments may be combined for the alleviation of such disorders.

DEP 2100 - Foundations of Child Psychology 3
This course is an overview of psychological principles, theories, and research pertaining to the developing child from conception to, but not including, adolescence. The course will cover biological and environmental influences on affective, cognitive, moral, social, and personality development. This course will be oriented toward an applied understanding of the child’s development and therefore application to teaching and/or parenting needs. Recommended for education majors; open to non-majors only.

DEP 2300 - Foundations of Adolescent Psychology 3
This course will be an overview of the principles, theories and research pertaining to the adolescent. The course will cover biological and environment influences on affective, cognitive, moral, social and personality development, including adolescent adjustment problems. The course will be oriented toward an applied understanding of the adolescent and therefore be applicable to teaching and parenting needs. Recommended for education majors; open to non-majors only.

DEP 3054 - Lifespan Developmental Psychology 3
Prerequisite: PSY 2012 or permission of instructor. This course provides a scientific account of human development from conception through adolescence, and into old age, with an emphasis on empirical findings and theoretical interpretations. Within this context, issues of nature-nurture and developmental continuity-discontinuity will be explored.

DEP 4060 - Applied Developmental Psychology 3
Prerequisite: DEP 3054. This course is designed to create a greater understanding of the interconnectedness of science and practice by dealing with the application of research in applied developmental
psychology to a variety of areas including educational, clinical, medical and policy settings. An optional associated practicum experience (PSY 4945) is offered with this course.

**DEP 4104 - Advanced Child Psychology**
Prerequisite: DEP 3054. The goal of this course is to create a greater understanding of, and sensitivity to, contemporary child behavior by relating research to current problems in the home, the school and the general society.

**DEP 4304 - Advanced Adolescent Psychology**
Prerequisite: DEP 3054. This course is designed to create a greater understanding of, and sensitivity to, contemporary adolescent behavior by relating research to current problems in the home, the school and the general society.

**DEP 4404 - Psychology of Aging**
Prerequisite: PSY 2012 or consent of instructor. An introduction to current information and psychological research on aspects of old age and aging. Topics include the intellectual, motivational, psychobiological, performance and personality changes that occur in late adulthood and old age.

**DEP 4482 - Death and Dying**
Prerequisite: DEP 3054. This course will examine end-of-life issues within the more general context of lifespan developmental psychology. Topics to be discussed include historical perspectives, euthanasia, medical and legal issues, hospice, grief and bereavement, children and death, violent death/disasters/megadeath, and beyond death.

**EAB 3013C - Foundations of Experimental Analysis of Behavior**
Prerequisites: PSY 3214 and PSY 3214L. An introduction to reinforcement theory and the application of these principles to animals under controlled laboratory conditions. Topics include shaping, schedules of reinforcement, generalization, discrimination, secondary reinforcement, punishment, avoidance and changing of behavior. (A material fee of $15 will be assessed.)

**EAB 4703 - Behavior Modification**
Students will learn to apply the principles of operant and respondent conditioning to the control of human behavior. Behavioral problems in business, education, and clinical settings are frequently amenable to the behavioral approach.

**EDP 4215 - Theories of Learning for Teachers**
Prerequisite: DEP 3054. This course consists of the application of various theories of learning and development to the classroom. Theories of behavioral, social, and cognitive psychologists will be discussed with emphasis on classroom application. This course is recommended for education majors and psychology non-majors only.

**EXP 3105 - Human Sensory Perception**
Prerequisite: PSY 2012. This course surveys sensory systems and perceptual processes, primarily in humans. Content includes anatomical structures, behavioral observations, and theoretical models. The interaction of biological systems and cognitive processes is emphasized. One system (e.g., vision) may be studied in considerable detail as a model of perception and perception research, with selected examples from other sensory systems to examine modality-specific mechanisms and underlying principles of all perceptual systems.

**EXP 3412 - Learning Theory**
This course introduces students to variables affecting behavioral change in both man and animals. Emphasis is placed on integration of these variables through the presentation of several theoretical perspectives on learning.

**EXP 3503 - Cognitive Psychology**
Prerequisite: PSY 2012. This course surveys topics in cognitive psychology, including attention, perception, memory, reasoning, problem solving, language, and cognitive development. Through lectures, readings, and classroom demonstrations, students will learn about empirical findings and theoretical issues pertaining to the scientific study of human information processing and cognition.

**EXP 3540C - Experimental Cognitive Psychology**
Prerequisites: PSY 3214 and PSY 3214L. This is a laboratory course in which students design, run, and report scientific research examining various cognitive processes involved in how people think. Topics for research projects may include memory, language, attention, reasoning, problem solving, and other mental processes used in human information processing and cognition.

**EXP 3703C - Computer Applications in Psychological Research**
Prerequisites: PSY 3214 and PSY 3214L. This course provides hands-on experience with using computers in psychological research. The focus is on computer applications in literature searches, in conducting actual and simulated experiments, and in statistical data analysis.

**INP 4004 - Industrial Organizational Psychology**
Prerequisite: SOP 3004. The application of psychological theory and practice to problems in the world of work, including exploration of selection strategies, training procedures, performance appraisal techniques and the problems of leadership, communication, decision-making and motivation. Emphasis will be placed on the potential compatibility of the individual and the organization in a rapidly changing world.

**PCO 2714 - Personal Growth**
This course is an introduction to the concepts and techniques of psychology which apply to personal growth and development. Emphasis will be placed on the interpersonal aspects of effective behavior.

**PCO 4004 - Introduction to Counseling**
Prerequisites: DEP 3054 plus PPE 4004 or CLP 4143. This course covers the major counseling theories which include philosophical assumptions about human functioning, hypotheses about behavior change and the goals and methodologies of these counseling approaches. Emphasis also is placed on research and ethical considerations.

**PPE 4004 - Theories of Personality**
This course attempts to develop an understanding of theories of personality structure and dynamics, from Freud to the present, in order to assist in the analysis of behavior.

**PSB 3004 - Psychobiology**
Prerequisite: Human anatomy and physiology, zoology or general biology with laboratory. An examination of the biological bases of behavior. An initial coverage of the neural and endocrine systems is followed by an investigation of the role of these systems in sensory, motivational, emotional and learning processes.
PSB 4113 - Principles of Biofeedback
An in-depth discussion of the major modes of biofeedback, including electromyographic and thermal feedback. This course will introduce students to the advantages, disadvantages, safety precautions, ethics and major applications of biofeedback.

PSY 2012 - Introduction to Psychology
An introduction to the scientific study of human and animal behavior. The principles, theories and methods of psychology will be surveyed in the context of topics central to the development and present status of the discipline.

PSY 2930 - Special Topics in Psychology
Exploration of topics of current importance in psychology. Topics will vary from semester to semester. May be taken by majors and non-majors. May be repeated up to 12 credits.

PSY 3025 - Major in Psychology Seminar
Prerequisite: PSY 2012. This course provides a broad overview of educational and professional issues that are of relevance to students majoring, or considering a major, in psychology. The course utilizes a mixture of seminar and lecture format. The grading is Pass/Fail only. Regular class attendance and class participation are required for a passing grade.

PSY 3214 - Research Methods in Psychology
Prerequisite: STA 2014. Corequisite: PSY 3214L. This course provides an understanding of the philosophy of science and psychology as a branch of science, enhances critical thinking and logical inference and elaborates basic research methodologies in psychology. Ethical principles in research also are covered.

PSY 3214L - Research Methods Lab
Prerequisite: STA 2014. Corequisite: PSY 3214. This course provides psychology majors with basic experience in using computers to conduct statistical data analysis and literature searches. Previous experience with computers is helpful but not required.

PSY 3911 - Supervised Research
Prerequisite: PSY 3214. Credit is earned by working with a faculty member in a supervised setting on one or more psychological research projects. This may include laboratory research, data analysis, field experience, and library research. No more than three hours may be counted as part of the degree program. Grading is on a pass/fail basis.

PSY 4304C - Psychological Testing
Prerequisites: STA 2014, PSY 3214, and PSY 3214L. This course is an introduction to the development, interpretation, and uses of psychological tests, and to the value and potential dangers inherent in their applications. Statistical and psychological concepts necessary for the interpretation of test scores are emphasized. (A material fee of $20 will be assessed.)

PSY 4604 - History of Psychology
This course offers an overview of the historical roots of psychology. Major conceptual developments since psychology became a distinct science are covered, as are the key figures in the history of the discipline.

PSY 4904 - G(3) Honors Research
Prerequisites: Admission to Honors in Psychology Program, PSY 3214, and one experimental course. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. Students must enroll for six hours total, which will usually be spread over two semesters.

PSY 4906 - Directed Individual Study
Prerequisite: Fifteen hour core in psychology. May be repeated up to 12 credits under different topics but only 3 credits may be counted as a part of the degree program.

PSY 4935 - Special Topics
This course provides a way to explore topics of current importance in psychology. Topics may be initiated by faculty and/or students in consultation with the department chairperson. This course may be repeated up to 12 credits but only 4 credits may be counted as part of the degree program. May be taken by non-majors.

PSY 4945 - Practicum in Applied Psychology
Placement in a community setting reflecting the student’s main area of job orientation; supervision by faculty. May be repeated up to 12 credits but only 3 credits may be counted as a part of the degree program. For each hour of credit, at least four hours per week during the semester must be spent in practicum.

SOP 2772 - Human Sexual Behavior
This course will explore the psychological and physiological aspects of human sexual behavior. Emphasis will be placed on the cultural and biological diversity of sexual expression.

SOP 3004 - Social Psychology
An introduction to the study of social influences on human behavior. Topics include social perception, affiliation, attraction, prosocial behavior, aggression, attitudes and attitude change, group behavior and leadership.

SOP 3210C - Experimental Social Psychology
Prerequisites: PSY 3214 and PSY 3214L. An introduction to the study of social influences on the behavior of individuals. The principles studied will be applied under controlled laboratory conditions.

SOP 3742 - CD - Psychology of Women
An investigation of major personality theories and clinical practices as they relate to female psychology. Findings from the field of psychology regarding differences between males and females will be explored.

SOP 3751 - Psychology and the Law
This course is an introduction to the study of the legal system from a psychological perspective. The course will use psychological concepts and methods to aid in the understanding of the legal system. Topics include theories of criminal behavior, victimization, law enforcement, the jury trial, witnesses, verdict and sentencing, mental illness, corrections, and family law.

Social Welfare
SOW 3203 - Social Welfare Institutions
A critical analysis of those institutions and programs affecting the quality of life. The “social policies” impacting within the domain of social welfare will be examined for effects on and implications for societal 1) division of labor; 2) allocation of resources; and 3) distribution of rights.

SOW 4302 - Social Work as a Profession
An examination of social work settings, roles and the methods employed in providing services. Focus will be on the development of interviewing techniques of the beginning professional. Enhance-
ment of interpersonal communication skills is emphasized consistent with the demands of beginning community practice.

**SOW 4511 - Community Agency Practicum I**  
Prerequisite: SOW 3203 and SOW 4302. This practicum may also include a supervised field placement in social work in an elementary or secondary school setting which includes experience in counseling and casework.

**SOW 4512 - Community Agency Practicum II**  
Prerequisite: SOW 3203 and SOW 4302. This practicum may also include a supervised field placement in social work in an elementary or secondary school setting which includes experience in counseling and casework.

**Sociology**

**SYA 3300 - Research Methods and Laboratory**  
Prerequisite: STA 2014 or equivalent. This course is a general introduction to research methods in the social sciences, with emphasis on theory, measurement, research design, the collection and analysis of data and the ethics of research. The research lab develops skills in the use of computers for data analysis.

**SYA 3930 - Junior Seminar**  
Prerequisite: SYG 2000 or equivalent. This course provides students majoring in sociology an opportunity to systematically explore the discipline.

**SYA 4010 - Sociological Theory**  
A critical study of the development of sociological thought and theory, surveying the major conceptual, theoretical and methodological orientations from Auguste Comte to the present.

**SYA 4905 - Directed Individual Study**  
Prerequisite: Ten hours of sociology. Selected topics for independent study under the guidance, direction and examination of a faculty member specializing in the particular area chosen by the student. May be repeated a total of 6 credits under different topics.

**SYA 4930 - Special Topics**  
Exploration of topics of current importance in the field of social problems, social organization or the discipline of sociology. May be initiated by one or more faculty members or by students, in consultation with department chairperson. May be repeated a total of 15 credits under different topics.

**SYD 3020 - Social Demography**  
This course analyzes the social aspects of human populations around the world with particular emphasis on the US population. This course deals with census data, fertility, morality, migration and the diversity of the U.S. population.

**SYD 3410 - Urban Systems**  
A consideration of urban social life and its impact upon social behavior, relationships and social institutions; implications for social planning with respect to transportation, communication, housing, family life, education, employment, community relations and urban control.

**SYD 3700 - CD - Racial and Cultural Minorities**  
An examination of selected racial, ethnic and religious subcultures with respect to past and present patterns of participation, minority-majority relations, maintenance patterns and consequences of prejudice and discrimination for American social life.

**SYD 3800 - CD - Gender and Society**  
This course is designed to explore the social meanings and political implications of gender in society. It will focus on gender as a taken-for-granted but problematic component of our lives, whether we are female or male. Sociologists now recognize that gender is a “social construction” which is open to re-definition and which has profound social implications. The course will explore topics such as: gender and sex role socialization; gender relationships; cross-cultural gender comparisons; and the effects of “the sex-gender system” on areas such as health, family life, religion, employment, crime, education, politics, and social change.

**SYD 4601 - Community Organization, Change and Development**  
Prerequisite: SYG 2000 or equivalent. This course critically examines contemporary communities and neighborhoods in urban societies. The course examines community organizations, community power and leadership and alternative approaches designed to create community change and development.

**SYG 2000 - Introduction to Sociology**  
A study of sociological concepts essential for an understanding of individual, society and social structure. General concepts which integrate the field are considered so that more specialized courses may be understood in context.

**SYG 2013 - CD - Sex, Race and Social Class: A Sociological Examination of Culture and Diversity**  
This class is designed to introduce students to the Sociological study of the issues of Race, Sex, and Social Class. In this class, we will examine a number of issues facing American society today and how these issues are inter-related. Special emphasis will be placed on discussing how these problems are (or are not) dealt with in our society.

**SYG 3110 - Sexuality and Marriage**  
This course focuses on the dynamics of sexuality and marriage manifested in modern American society. Topics include interpersonal attraction, social dimensions of sexuality, marital and family interaction, parenting, marital breakup and alternate family forms.

**SYG 3530 - Social Stratification**  
An analysis of the economic, social, political and cultural dimensions of institutionalized social inequality, consequences for American social life and implications for social movements and social change.

**SYO 4100 - Sociology of the Family**  
A cross-cultural analysis of patterns of courtship, marriage and family life, focusing on the relationship between family and other social institutions and the consequences of these relationships for the individual in a changing industrial social order.

**SYO 4300 - Political Sociology**  
A sociological analysis of political institutions viewed as constituent parts of the structure of society and of social processes, with special attention given to contemporary political movements and ideologies.

**SYO 4400 - Health, Illness and Society**  
A critical analysis of the social context of health, illness, patient care and the practice of medicine. Of special interest are such issues
as the distribution of health care, restraints and innovations in public policy pertaining to health and community health programs.

**SYP 3440 - Social Change and International Development**  
This course analyzes social change in an increasingly interdependent world by comparing more developed countries to less developed countries. The course includes introductory information and perspectives on how social processes, relations and institutions within nations are affected by involvement in the modern world system.

**SYP 3520 - Criminology**  
This course studies major theories and empirical research findings pertaining to the causes, prevention, treatment and control of criminal behavior.

**SYP 3570 - Deviance and Social Control**  
A critical analysis of the political and social process involved in the creation, maintenance, treatment and control of deviant behavior and an examination of selected deviant subcultures.

**SYP 4000 - Social Structure and Personality**  
The relationship between the individual and the socially constructed reality within which one functions; the role of language and social interaction in the socialization of the person; the consequences of role-taking and identification in the emergence of the self.

**SYP 4050 - The Sociology of Human Interaction**  
Focus is on contemporary sociological theories attempting to understand in terms of 1) the institutional context affecting the practical accomplishment of routine tasks and procedures in everyday life; and 2) the production of new institutional forms for example, role definitions, conventions, languages, codes.

**SYP 4351 - Social Movements and Social Change**  
An examination of contemporary social movements directed toward the acceptance of new definitions of social roles; the development of alternative priorities, life-styles and conceptions of the individual in relation to social institutions and commitment to basic social change.

**SYP 4530 - Juvenile Delinquency and Juvenile Justice**  
A study of the definitions and etiology of delinquent behavior; the adjudication process for juveniles, both in theory and practice; and treatment procedures.

**SYP 4561 - Child Abuse and Incest**  
The goal of this course is to extend the student’s knowledge of the dynamics of child abuse and incest and learn its impact on the individual, the family, and our community. Our objectives will be to identify the dynamics of child abuse, and child neglect, both within and outside of the family; to gain an historical perspective on child abuse; to gain knowledge of identifying factors of child abuse victims; to learn how to treat child abuse offenders; and to become familiar with local community response to child abuse, state statutes and national trends.

**SYP 4730 - The Sociology of Aging**  
An inter-cultural examination and analysis of 1) changes-in status, rights, roles, and circumstances which appear to come with age, 2) influences-of age-related biological and physiological factors on the individual’s performance and behavior in society, and 3) adjustments — both societal and personal, to the events and processes of aging.

**Theatre Arts**

**THE 4923 - Play Production**  
In this course, students help produce a major dramatic production sponsored by the Department. With the professor, they plan and execute all aspects of play production and participate in the practical exigencies of translating a script into a theatrical event. The course offers opportunities for acting and theatrical work. May be repeated for up to twelve (12) credits.

**THE 4935 - Special Topics – Theatre v. 1 - 3**  
Permission of instructor and department chair required. May be repeated up to 6 hours for credit under different topics.

**TPP 2100 - Acting Workshop**  
This course focuses on the problems and techniques associated with the acting process. Work emphasizes formal and improvisational techniques for developing vocal, physical, and analytical skills, with the major emphasis on building a character. It is recommended for students who intend to participate in Department productions. It may be repeated for up to six (6) credits.
Coggin College of Business

Earle C. Traynham, Dean and
ECT Distinguished Professor of
Business Administration
Jeffrey E. Michelman,
Associate Dean
620-2590
C. Steve Moore, M.B.A., CPA,
Assistant Dean for
Finance and Student Services
620-1515
Jeffrey W. Steagall, Ph.D., Director
International Business Program
620-2395

Coggin College of Business
Executive Vision We envision that our
efforts to continuously improve our in-
structional capabilities and to adapt to
the ever-changing business and societal
requirements will be rewarded with na-
tional recognition as a premier institution
for professional business education.

Values We believe that life-long learning is fundamental to
the development of well-rounded, successful individuals. We
are committed to providing the best business education
possible. We are also committed to pursuing sufficient
resources to accomplish our goal of providing the best
programs of their type in the State of Florida. We value and
expect hard work on the part of the faculty and staff, and on
the part of the students. We believe that an outstanding
business education program is one which:
• Enables students to successfully manage a business and
make sound business decisions under conditions of
uncertainty.
• Emphasizes ethics and sensitivity to diversity in the
marketplace and stresses the importance of community.
• Requires the development of critical skills, including the
ability to communicate effectively.
• Provides opportunities for real world experience and em-
phasizes career development and placement opportunities.
• Requires highly qualified, full-time faculty with sufficient
support to perform their assignments effectively.
• Requires faculty devoted to outstanding classroom
instruction and demands high quality performance.
• Requires faculty who are inquisitive and analytical and who
are actively engaged in the pursuit of knowledge related to
business.
• Requires small class sizes and promotes interaction
between faculty and students inside and outside the
classroom.

Mission The University of North Florida Coggin College of
Business (CCB) is dedicated to the education and develop-
ment of individuals who will become leaders of both private
and public organizations. The College accomplishes this
mission through outstanding undergraduate and graduate
instruction, provided by faculty who integrate creative
scholarly endeavors into relevant, high-quality programs,
helping to enhance the University’s reputation. Although the
primary commitment is to outstanding instruction, research
and service are also integral components of the mission.

The Coggin College of Business welcomes its role as supervi-
sor of a critical time segment of this education-for-life
process for aspiring undergraduate business students and for
those starting formal graduate study in business. It also serves
as coordinator and colleague with the community colleges,
doctoral-level universities, and numerous business firms and
government agencies which help shape segments of the
process.
The curriculum aims at professionalism and stresses analytical ability and principles rather than existing current or past techniques. The use of several methods of instruction, both within the classroom and outside the classroom, is encouraged. The use of the University library, University computer facilities, and the modern audio-visual technology is central to all aspects of the curriculum.

Coordination of the broad undergraduate educational process requires careful articulation, primarily with neighboring community colleges, as well as with other colleges and divisions within the University. About half of the undergraduate program will be in general subjects, and almost a full year will be spent in acquiring a common body of knowledge and corollary skills in business administration, including the environment of business. An opportunity for advanced work is available in most of the traditional business subject matter areas.

With the help of academic and career advisors, the student will choose a path through a program aimed at experiences of a managerial nature with a general management point of view, striving to produce or to increase creativity and understanding of cause and effect relationships. Courses with this emphasis stress the behavioral and quantitative sciences as these relate to decision-making problems in organizations.

The Coggin College of Business is fully accredited at both the undergraduate and graduate levels by AACSB International – The Association to Advance Collegiate Schools of Business. Further, the Accounting programs at both the undergraduate and graduate levels have received separate accreditation by AACSB International – The Association to Advance Collegiate Schools of Business. AACSB is the premier accrediting agency for business schools internationally with only 375 Business Schools holding this distinction and only 150 accounting programs holding this distinction.

The Coggin College of Business adheres to the admission policy of the University, described in the Admission section of the catalog, and recommends some specific lower-level courses. These lower-level requirements, together with a general outline of all requirements for graduation, are detailed below. In addition, all students must satisfy the state of Florida’s foreign language requirement. This can be done in high school, or at the lower-level. For details, students should see the appropriate section of this catalog or an academic advisor.

**Study Abroad Opportunities** The Coggin College of Business is committed to providing 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)
- Beijing Second Foreign Language University (Beijing, China)
- Beijing Second Foreign Language University (Beijing, China)
- ECOBUSINESS School (Belo Horizonte, Brazil)
- ESC-Marseille-Provence (Marseilles, France)
- ESC-Rennes (Rennes, France)
- ESCEM-Poitiers (Poitiers, France)
- ESG-Paris (Paris, France)
- Fachhochschule Köln (Cologne, Germany)
- Universidad Austral (Buenos Aires, 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)
- Université de Provence (Aix-en-Provence, France)
- Uniwersytetu Warszawskiego (Warsaw, Poland)

Students may choose to study at one or more of these institutions for a semester or a year. At some institutions, students may take courses in English; at others, students must be fluent in a foreign language to attend. Students participating in these exchanges sign up for UNF courses and pay normal tuition to UNF. Credits earned count in the student’s degree program at UNF.

The Coggin College of Business also offers short-term, faculty-led study abroad courses for credit. Typically, the College offers at least one such course during spring break and two 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.

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/coba/intlbus/.

**CCB Policy on Use of International Academic Experiences in Undergraduate Programs of Study**

**Definitions**

The Coggin College of Business (CCB) allows its students to use in their programs of study the following three types of international academic experiences:

1. **CCB-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-CCB 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. Two exceptions are the University
of Provence (one month) and ESCEM-Poitiers (two week) summer exchanges.

Policy: Use of International Experience Credits in Program of Study by Undergraduate Students

1. CCB-sponsored Faculty-led Study Abroad Courses
   a. Undergraduate students may use only one CCB-sponsored faculty-led study abroad course (i.e., 3 credits) as a major elective.
   b. Undergraduate students may not use non-CCB faculty-led study abroad courses as major electives.
   c. Students may use credits from CCB-sponsored faculty-led study abroad courses elsewhere in their programs of study, including satisfying the following requirements:
      i. CCB Cultural Diversity
      ii. Business Elective
      iii. Free Elective

2. Non-CCB Faculty-led Study Abroad Course: Undergraduate students may use study abroad courses offered by other UNF colleges to satisfy the following requirements:
   i. CCB Cultural Diversity
   ii. Non-business Elective
   iii. Free Elective

3. Student Exchange Programs: Undergraduate students may use credits from student exchange experiences in their programs of study.

In all cases, the student and his/her advisor must agree in writing regarding how credits will be used before the student begins the study abroad or exchange experience.

Advisement Each student must have an official program of study filed with the Student Service Center of the Coggin College of Business. Students should meet with an advisor concerning their program requirements as early as possible, preferably before registration for their first semester at UNF. Programs of study are prepared after students’ transcripts have been evaluated by the Office of Admissions. The Coggin College of Business Student Service Center is located in the Coggin College of Business Building, room 2020, (904) 620-2575.

Academic Policies

Coggin College of Business The Coggin College of Business adheres to all academic policies and regulations of the University. In addition, the policies listed below apply to all undergraduate students in the Coggin College of Business. Individuals needing clarification of any of these policies, or an interpretation of how a policy might apply in a given situation, should contact the Student Service Center in the Coggin College of Business, located in the Coggin College of Business Building, room 2020, (904) 620-2575.

Required GPA Students graduating with a B.B.A. degree must have a minimum 2.00 GPA in all course work taken at UNF and in all upper-level course work taken at UNF. All students are required to have a minimum 2.0 GPA prior to enrolling in MAN 4720, Strategic Management and Business Policy.

Admission with less than 2.0 Grade Point Average

Students who are admitted with less than the minimum 2.0 grade point average are placed on academic probation. Special conditions for admission are outlined by the Associate Dean of the College, and students must meet these conditions in order to continue their studies in the Coggin College of Business.

50/50 Rule

Students graduating with a B.B.A. degree are required to complete 50 percent of their total required hours in course work outside the Coggin College of Business.

Lower-Level Prerequisites

The lower-level prerequisites of the Coggin College of Business are prerequisites for all Coggin College of Business courses. These courses are: Principles of Financial Accounting, Principles of Managerial Accounting, Principles of Macroeconomics, Principles of Microeconomics, Calculus for Business and Economics, Statistics for Business and Economics, and Microcomputer Applications for Business and Economics. A grade of “C” or better is required in each of these prerequisite courses. A student should complete these prerequisites, and all lower-level requirements, before taking upper-level work in the Coggin College of Business. In some cases, with the permission of an academic advisor, a student may enroll in limited upper-level course work while completing the lower-level prerequisites. It is expected that once a student enrolls in the Coggin College of Business, he/she will complete all prerequisites at UNF. Prerequisite course work is also subject to the continuous enrollment rule described below. Admission requirements vary among programs at the eleven Florida public universities. To ensure that they have met all prerequisite requirements, transfer students from Florida community colleges should complete the following courses as part of their Associate in Arts degree: ACG 2011, ACG 2071, ECO 2013, ECO 2023, MAC 2233, STA 2023 (or QMB 2100), and CGS 1100 (Microcomputer Applications for Business and Economics).

General Education and Foreign Language

All Coggin College of Business students (including transfers) are expected to complete all general education and foreign language requirements before reaching senior standing (90 semester hours). Students who do not comply with this policy may have their enrollment restricted to specific courses.

Continuous Enrollment

Required upper level course work can be included in a student’s program of study as long as the coursework was completed within ten years of the beginning of continuous enrollment in the Coggin College of Business at UNF. In addition, at least half of the major coursework must have been completed within five years of the beginning of continuous enrollment in the Coggin College of Business.
This policy applies both to courses taken at UNF and courses taken at other institutions. For the purpose of this policy, continuous enrollment means enrollment for the purpose of seeking a degree and completion of one or more courses per term without a break of three consecutive terms (summer counts as one term).

**Courses Taken at Other Institutions** Students desiring to transfer upper-level course work to the Coggin College of Business must have that work approved and entered into a program of study by an academic advisor in the Student Service Center in the Coggin College of Business. Students in the Coggin College of Business may transfer in a maximum of six hours of major courses in their program of study. Degree-seeking students in the Coggin College of Business, who have matriculated, must satisfactorily complete all of their upper-level course work at UNF, unless prior written approval from the appropriate academic advisor or academic official is obtained. Further, matriculated students must complete all remaining prerequisite courses at UNF unless prior approval is obtained from their academic advisor. Students who enroll in upper-level course work at another institution, while suspended from UNF, cannot transfer these credits back to UNF to satisfy any requirements of their degree programs. Any required course work in which the student has an unsuccessful grade at UNF must be repeated at UNF prior to graduation from UNF. An unsuccessful grade is an “F” or “WF,” where a “D” or better is required, and an “F,” “WF,” “D+,” or “C-” where a “C” or better is required. Students who are on academic probation at UNF may not enroll in lower-level course work at another institution unless prior written approval is obtained from the appropriate academic advisor.

**Concurrent Enrollment** Concurrent enrollment at another college or university is not allowed during a student’s graduating semester.

**“D” Grades** There are several cases in the Coggin College of Business where a “D” grade will not satisfy specific college or departmental requirements. Cases where “D” grades are not acceptable in the Coggin College of Business include “D” grades transferred from another institution, (grades of C- will also not transfer to UNF), “D” grades made in the Coggin College of Business prerequisite courses (see the current listing of these courses on the following page), and “D” grades made in the common body of knowledge (core courses in business). All majors in the Coggin College of Business must earn grades of “C” or better in their major courses with the exception of the management major. Management majors may earn only one “D” in a major course, and it must be offset by a grade of “B” or better in another major course. For more information, please look at the description of the appropriate departmental major in the Coggin College of Business.

**Admission from a Non-Degree or Special Student Status** Students seeking a B.B.A. degree from the Coggin College of Business should meet all admission deadlines and policies and enroll as degree-seeking students. Students who are permitted to enroll as non-degree/non-admitted students (see Admissions section of this catalog) may apply after one semester to be degree-seeking students in the Coggin College of Business. This application must be made early enough to allow the student to be accepted as a degree-seeking student prior to taking any additional course work at UNF. In no case should a student continue in a non-degree/non-admitted status beyond one term. These students are subject to all college admission requirements. No more than 12 semester hours earned as a non-degree/non-admitted student may be transferred to an undergraduate degree program in the Coggin College of Business. Students enrolling in a non-degree/non-admitted status will not be allowed to take upper-level business courses until all prerequisites have been satisfied.

**Second Undergraduate Degree in Business Administration** In order to earn a B.B.A. degree from UNF, students who already hold a bachelor’s degree in Business Administration must complete a minimum of 30 additional hours of course work at UNF. This course work must be directly related to the new major and new degree. A minimum of 21 semester hours of course work must be taken in the Coggin College of Business, of which at least 12 hours must be in the desired new major. If these course distribution requirements cannot be met, then a second degree in that major cannot be earned. Therefore, students desiring to earn a second bachelor’s degree in Business Administration must have an approved program of study before beginning work on the second degree.

For additional information on academic policies for the Coggin College of Business, please consult the CCB website at www.unf.edu/ccb/support/advising.html.

**Multiple Minors** Undergraduate students pursuing a BBA degree in the Coggin College of Business who wish to pursue more than one minor in their program of study may do so. Students should contact their academic advisor and have the multiple minors incorporated into their program of study. Students should not just assume that taking the courses required for the minor will ensure that the minor will be recorded in their academic record (program of study and transcript). Students pursuing the BBA degree are not required to choose a minor.

**Honors in the Major Program** The Honors Program at UNF is designed for the student who is intellectually mature, and who seeks the challenge of academic work that is different from the traditional course of study. It offers students a close collegial relationship with the University’s top professors and with each other. There are two types of honors programs at the University of North Florida. The first is a lower-level program open to freshmen and sophomores. Another program is the “Honors in the Major” program that is open to upper-level students in the Coggin College of Business. It is important to stress that a student does not have
to be in the lower-level honors program to enroll in the upper-level “Honors in the Major” program.

This “Honors in the Major” program in the Coggin College of Business includes a mentor experience, an individualized curriculum, a research experience, an honors colloquium, and a special recognition on the student’s transcripts and diploma. Admission is competitive and limited to students who have a cumulative GPA of 3.5 or better. More information on additional admission requirements and procedures for applying to the program can be obtained from the Coggin College of Business Student Service Center (620-2575) or from one of the departmental offices in the Coggin College of Business.

Bachelor of Business Administration Curriculum

I. Recommended Lower-Level or Community College Curriculum 60 Hours

General Education, General Electives, and Required Courses

a) Required lower-level courses
- Principles of Financial Accounting 3 hours
- Principles of Managerial Accounting 3 hours
- Principles of Macroeconomics 3 hours
- Principles of Microeconomics 3 hours
- Statistics for Business and Economics 3 hours
- Calculus for Business and Economics 3 hours
- Microcomputer Applications for Business and Economics 3 hours

A minimum grade of “C” is required in each of these courses

b) Other General Education and General Electives 39 hours

II. Upper-Level Requirements 60 Hours

a) Courses Common to all Majors 21 hours
- FIN 3403 Financial Management 3 hours
- MAR 3023 Principles of Marketing 3 hours
- TRA 3222 Production/Operations and Logistics Management 3 hours
- MAN 3025 Administrative Management 3 hours
- SOP 3004 Social Psychology 3 hours
- BUL 3130 Legal Environment of Business 3 hours
- MAN 4720 Strategic Management and Business Policy 3 hours

b) Area of Concentration 15 - 29 hours

c) Required Business Courses (3000-level or higher) 3 - 12 hours
- Approved Quantitative Course 3 hours
- Approved Economics Course 3 hours
- Approved Information Systems Course 3 hours
- Approved “International” Course 3 hours

d) Required Non-Business Courses 3 - 6 hours
- Approved Cultural Diversity Course 3 hours
- Approved Oral Communication Course (student may substitute an upper-level non-business elective if this requirement was satisfied at the lower level) 3 hours

e) Other Electives 0 - 3 hours

III. Total Requirements for a Degree 120 Hours

The MAcc and BBA in Accounting degree programs are separately accredited by AACSB International – The Association to Advance Collegiate Schools of Business. In accounting, less than 150 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 under Florida’s accountancy law after 150 credit hours of coursework. For example, UNF students ranked 10th, 8th, 56th, 32nd, and 1st in the nation in the May 1996, November 1996, May 1997, November 1998, and November 1999 Uniform CPA examinations, respectively, in terms of the percentage of first-time candidates without advanced degrees passing all sections of the examination. University of North Florida students also captured first, second, and seventh place rankings for candidates in the State of Florida passing the May 2000 Uniform CPA examination.

The Department of Accounting and Finance of the University of North Florida shares with the University of North Florida and the Coggin College of Business its fundamental mission. The Department is committed to providing high-quality undergraduate and graduate instruction, with particular emphasis on undergraduate accounting and finance education that serves the needs of Northeast Florida. The faculty is committed to teaching excellence enhanced by research and interaction with the accounting and finance professionals in the broader business community. Specifically, the Depart-
The objectives of the BBA in Accounting are:

1. To attract and retain students from diverse backgrounds with the abilities required for success in accounting careers.
2. To provide accounting students with analytical, team-building, and technological skills; written and oral communication skills; critical thinking, research and problem solving skills that are necessary for lifelong success in the accounting profession.
3. To provide exposure to economic, global, political, social, legal, ethical, regulatory, environmental, and technological issues.
4. To encourage students to become active in professional organizations in accounting and taxation.
5. To maintain an AACSB accredited undergraduate degree program.
6. To prepare students to enter quality graduate programs.
7. To provide students not seeking a graduate degree a means of fulfilling the CPA requirements in Florida.
8. To provide internship and field experience opportunities to students.
9. To provide students the opportunity to work with faculty on research projects.
10. To provide students opportunities for international travel and study.

While the objectives of the various accounting areas of study have several common paths, there is a point where they diverge. Public accountants need more emphasis in the concepts and standards of auditing and financial reporting. Management accountants, serving as controllers, treasurers, and other financial executives need more concentration in the use of accounting data for predicting future costs and income, as well as for evaluative purposes. Governmental accountants need additional emphasis in special accounting methods for non-profit organizations. Internal auditors need to be able to evaluate managerial effectiveness and efficiency.

Regardless of their choice, students will be expected to demonstrate a sound liberal arts education so that their accounting studies can be seen in the perspective of the broader purposes of the organization that employs them, of society’s economic, social and cultural institutions, and of their own life goals.

**Major: Accounting**

**Track: Accounting**

**Degree: Bachelor of Business Administration**

**Prerequisites**

Grade of “C” or better required in prerequisites.

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<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>ACG 2021</td>
<td>3.0</td>
<td>Prin Financial Acc</td>
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<tr>
<td>ACG 2071</td>
<td>3.0</td>
<td>Prin Managerial Acc</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>3.0</td>
<td>Princ Macroeconomics</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>3.0</td>
<td>Princ Microeconomics</td>
</tr>
<tr>
<td>CGS 1100</td>
<td>3.0</td>
<td>Cmplt App For Bus</td>
</tr>
</tbody>
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Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M)Calc For Bus

STA 2023 3.0 G(M)Elem Stats-Bus

QMB x100 may be substituted for STA 2023.

**Core Requirements**

Grade of “C” or better required in all core courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>FIN 3403</td>
<td>3.0</td>
<td>Financial Management</td>
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<td>MAN 3025</td>
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<td>MAR 3023</td>
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<td>SOP 3004</td>
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<td>Social Psychology</td>
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<td>BUL 3130</td>
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<td>Legal Environ Of Bus</td>
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<tr>
<td>MAN 3504</td>
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<td>Prod-Oper-Logist Man</td>
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The programs in the Department of Accounting and Finance are designed to provide students with the tools and concepts necessary to practice in the complex professions of accounting, finance, financial services, and real estate. These disciplines are central to the proper understanding and functioning of all sectors of the economy. At UNF, these areas are taught from the viewpoint of the problems they are intended to help solve. Consequently, decision-making implications receive a high priority. Programs of the department are designed to allow the student to pursue a variety of career objectives.

**Accounting Major**

The objectives of the BBA in Accounting are:

1. To attract and retain students from diverse backgrounds with the abilities required for success in accounting careers.
2. To provide accounting students with analytical, team-building, and technological skills; written and oral communication skills; critical thinking, research and problem solving skills that are necessary for lifelong success in the accounting profession.
3. To provide exposure to economic, global, political, social, legal, ethical, regulatory, environmental, and technological issues.
* FIN 3403, MAN 3025, and MAR 3023 must be completed with “C’s” or higher prior to enrolling in MAN 4720.

In last term take:

MAN 4720 3.0  Strat Mgt Bus Policy

Major Requirements  (21 SEMESTER HOURS)
Grade of “C” or better required in major requirements.

ACG 3103 3.0 Intermediate Acc I
ACG 3113 3.0 Intermediate Acc II
ACG 3123 3.0 Intermediate Acc III
ACG 4361 3.0 Cost Accounting
ACG 4401 3.0 Acc Info Systems
TAX 3001 3.0 Federal Income Tax
Select One Course.
ACG 4651 3.0 Auditing
ACG 4671 3.0 Fund Internal Auditing

Major Electives  (3000 - 4000 LEVEL)  (03 SEMESTER HOURS)
Select One Course.
ACG TAX

Required Business  (06 SEMESTER HOURS)
ECO 3203 3.0 Inter Macroeconomics
QMB 4600 3.0 Intro To Man Science

Business Electives  (03 SEMESTER HOURS)
Select One Course.
ACG 4251 3.0 International Acctng
FIN 4604 3.0 International Finance
ECO 3703 3.0 International Trade
MAN 4600 3.0 Man International Bus
MAR 4156 3.0 Intenational Marketing

Non-business Requirements  
(3000 - 4000 LEVEL)  (06 SEMESTER HOURS)
Cultural Diversity
Select one from approved business cultural diversity list.
Oral Communication
SPC 4064 3.0 Public Speaking Prof

* This program is pending evaluation of official transcripts.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* This program is subject to a student fully admitted into the College of Business Administration.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

Finance Major and Financial Services Major
The shared objectives of the BBA in Finance and the BBA in Financial Services are:
1. To attract and retain students from diverse backgrounds with the abilities required for success in finance careers.
2. To provide finance students with the skills necessary for success in the finance profession, including analytical, team-building, and technological skills; written and oral communication skills; critical thinking, research and problem solving skills that are necessary for lifelong success in the finance field.
3. To provide exposure to global, political, social, legal, ethical, regulatory, environmental, and technological issues.
4. To encourage students to become active in professional organizations in finance.
5. To provide internship and field experience opportunities to students.
6. To provide students an opportunity to work with faculty on research projects.
7. To provide students opportunities for international travel and study.

Finance Major  The major in finance is designed to develop an understanding of the financial aspects of the contemporary economy, the operation of financial institutions, and the financial management of business operations. The program offers three primary focuses.

Option 1 - Corporate — emphasizes financial management of the firm and focuses on financial analysis, planning, control, and formulation and implementation of corporate financial strategy. The objective of this option is to prepare students for careers as financial managers of corporations or other for-profit or non-profit organizations.

Option 2 - Real Estate — prepares students for careers in the diverse field of real estate. The program is designed to acquaint students with real estate brokerage, management, appraisal, acquisition, lending, and development with particular emphasis on real estate appraisal, finance, and investment.

Option 3 - Investments — emphasizes security and portfolio analysis, the trading and creation of the various instruments within the markets, and the management of assets and liabilities. The objective of this track is to prepare students for careers as financial analysts and to begin the preparation of students for the Level I test of the Certified Financial Analysis (CFA) designation.

The selection of courses for the major in finance should be arranged by students with their academic advisor in conformance with the general requirements outlined below.

Major: Finance
Track: Corporate
Degree: Bachelor of Business Administration

Prerequisites  (21 SEMESTER HOURS)
Grade of “C” or better required in prerequisites.

ACG 2021 3.0 Prin Financial Acc
* sequence of ACG 2001/2011 may be substituted for ACG 2021.
ACG 2071 3.0 Prin Managerial Acc
ECO 2013 3.0 Princ Macroeconomics
ECO 2023 3.0 Princ Microeconomics
CGS 1100 3.0 Cmptcr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.
MAC 2233 3.0 G(M)Calc For Bus
MAC x230 may be substituted for MAC 2233.
Core Requirements (21 SEMESTER HOURS)
Grade of “C” or better required in all core courses.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>FIN 3403</td>
<td>3.0</td>
<td>Financial Management</td>
</tr>
<tr>
<td>MAN 3025</td>
<td>3.0</td>
<td>Adminis Management</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>3.0</td>
<td>Prin Of Marketing</td>
</tr>
<tr>
<td>SOP 3004</td>
<td>3.0</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>BUL 3130</td>
<td>3.0</td>
<td>Legal Environ Of Bus</td>
</tr>
<tr>
<td>MAN 3504</td>
<td>3.0</td>
<td>Prod-Oper-Logist Man</td>
</tr>
</tbody>
</table>

* FIN 3403, MAN 3025, and MAR 3023 must be completed with “C’s” or higher prior to enrolling in MAN 4720.

In last term take:
MAN 4720 3.0 Strat Mgt Bus Policy

Major Requirements (21 SEMESTER HOURS)
Grade of “C” or better required in major requirements.

<table>
<thead>
<tr>
<th>Course</th>
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<td>3.0</td>
<td>Money And Banking</td>
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<tr>
<td>FIN 4504</td>
<td>3.0</td>
<td>Investments</td>
</tr>
<tr>
<td>FIN 4414</td>
<td>3.0</td>
<td>Financial Mangmnt II</td>
</tr>
<tr>
<td>ACG 4361</td>
<td>3.0</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>FIN 4461</td>
<td>3.0</td>
<td>Financal Stammt Analy</td>
</tr>
<tr>
<td>FIN 4604</td>
<td>3.0</td>
<td>International Finance</td>
</tr>
<tr>
<td>ISM 4011</td>
<td>3.0</td>
<td>Intro Mgmt Info Sys</td>
</tr>
</tbody>
</table>

Major Electives (3000 - 4000 LEVEL) (06 SEMESTER HOURS)
Select Two Courses
ACG FIN REE RMI TAX

Required Business (06 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3203</td>
<td>3.0</td>
<td>Inter Macroeconomics</td>
</tr>
<tr>
<td>ECO 3411</td>
<td>3.0</td>
<td>Business &amp; Econ Stat</td>
</tr>
</tbody>
</table>

Non-business Requirements (3000 - 4000 LEVEL) (06 SEMESTER HOURS)

Cultural Diversity
Select one from approved business cultural diversity list.

Oral Communication
SPC 4064 3.0 Public Speaking Prof

* This program is pending evaluation of official transcripts.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* This program is subject to a student fully admitted into the College of Business Administration.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

Major: Finance
Track: Investments
Degree: Bachelor of Business Administration

Prerequisites (21 SEMESTER HOURS)
Grade of “C” or better required in prerequisites.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021</td>
<td>3.0</td>
<td>Prin Financial Acc</td>
</tr>
<tr>
<td>ACG 2071</td>
<td>3.0</td>
<td>Prin Managerial Acc</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>3.0</td>
<td>Princ Macroeconomics</td>
</tr>
</tbody>
</table>

Major Electives (3000 - 4000 LEVEL) (03 SEMESTER HOURS)
Select One Course
ACG FIN REE RMI TAX

Required Business (06 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Description</th>
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<tbody>
<tr>
<td>ECO 3203</td>
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</tr>
<tr>
<td>ECO 3411</td>
<td>3.0</td>
<td>Business &amp; Econ Stat</td>
</tr>
</tbody>
</table>

Non-business Requirements (3000 - 4000 LEVEL) (06 SEMESTER HOURS)

Cultural Diversity
Select one from approved business cultural diversity list.

Oral Communication
SPC 4064 3.0 Public Speaking Prof

* This program is pending evaluation of official transcripts.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* This program is subject to a student fully admitted into the College of Business Administration.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are not allowed to enroll in courses at another institution during their last semester at UNF.
Major: Finance
Track: Real Estate
Degree: Bachelor of Business Administration

Prerequisites (21 SEMESTER HOURS)
Grade of ‘C’ or better required in prerequisites.

ACG 2021 3.0 Prin Financial Acc
ACG 2071 3.0 Prin Managerial Acc
ECO 2013 3.0 Princ Macroeconomics
ECO 2023 3.0 Princ Microeconomics
CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812
MAC 2233 3.0 G(M)Calc For Bus
MAC x230 may be substituted for MAC 2233
STA 2023 3.0 G(M)Elem Stats-Bus
QMB x100 may be substituted for STA 2023.

Core Requirements (21 SEMESTER HOURS)
Grade of “C” or better required in all core courses.

FIN 3403 3.0 Financial Management
MAN 3025 3.0 Adminis Management
MAR 3023 3.0 Prin Of Marketing
SOP 3004 3.0 Social Psychology
BUL 3130 3.0 Legal Environ Of Bus
MAN 3504 3.0 Prod-Oper-Logist Man

* FIN 3403, MAN 3025, and MAR 3023 must be completed with “C’s” or higher prior to enrolling MAN 4720.

In last term take:
MAN 4720 3.0 Strat Mgt Bus Policy

Major Requirements (21 SEMESTER HOURS)
Grade of “C” or better required in major requirements.

FIN 3233 3.0 Money And Banking
FIN 4504 3.0 Investments
REE 4043 3.0 Real Estate Analysis
FIN 4604 3.0 International Finance
ISM 4011 3.0 Intro Mgmt Info Sys

To be taken in the fall term
REE 4103 3.0 Real Estate Appraisal

To be taken in spring term
REE 4303 3.0 Real Estate Fin/Invs

Major Electives (3000 - 4000 LEVEL) (03 SEMESTER HOURS)
Select One Course.
ACG FIN REE RMI TAX

Required Business (06 SEMESTER HOURS)
ECO 3101 3.0 Inter Microeconomics
ECO 3411 3.0 Business & Econ Stat

Non-business Requirements (3000 - 4000 LEVEL) (09 SEMESTER HOURS)
Select One Course
BCN 4930 EG 3.0 Enr Iss/Land Dev/Con
BCN 3762 3.0 Bldg Const Desn/Code
GEO 3151 3.0 Introduction To GIS

Financial Services Major
The major in financial services is designed for the student who is interested in a career in the dynamic financial services sector which includes personal financial planning, banking, insurance, and related areas.

Financial Planning Track - This track integrates finance, accounting, employee benefits, and insurance. The objective is to prepare students for careers in the growing fields of financial services and financial planning. This track also emphasizes communication skills. The curriculum is designed to prepare students for the examinations leading to professional designation such as Certified Financial Planner (CFP)® and Chartered Financial Consultant (ChFC).

The selection of courses for the major in financial services should be arranged by students with their academic advisor in conformance with the general requirements outlined below.

The requirements for a major in financial services are:
(a) Prerequisites for Coggin College of Business: Sixty lower-level semester hours from an approved institution (See accounting curriculum for complete details).
(b) Requirements to earn the bachelor of business administration degree with a major in financial services are:

CFP® and Certified Financial Planner® are federally registered marks of the Certified Financial Planner Board of Standards, Inc.

Major: Financial Services
Track: Financial Planning
Degree: Bachelor of Business Administration

Prerequisites (21 SEMESTER HOURS)
Grade of “C” or better required in prerequisites.

ACG 2021 3.0 Prin Financial Acc
ACG 2071 3.0 Prin Managerial Acc
ECO 2013 3.0 Princ Macroeconomics
ECO 2023 3.0 Princ Microeconomics
CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812
MAC 2233 3.0 G(M)Calc For Bus
MAC x230 may be substituted for MAC 2233
STA 2023 3.0 G(M)Elem Stats-Bus  
QMB x100 may be substituted for STA 2023.

### Core Requirements  
(21 SEMESTER HOURS)  
Grade of “C” or better required in all core courses.

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* FIN 3403, MAN 3025, and MAR 3023 must be completed with “C’s” or higher prior to enrolling in MAN 4720.

In last term take:  
MAN 4720 3.0 Strat Mgt Bus Policy

### Major Requirements  
(27 SEMESTER HOURS)  
Grade of “C” or better required in major requirements.

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<td>Intro Mgmt Info Sys</td>
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<tr>
<td>TAX 3721</td>
<td>3.0</td>
<td>Tax Plan Finan Decis</td>
</tr>
<tr>
<td>FIN 4514</td>
<td>3.0</td>
<td>Sec Analy/Portf Mgmt</td>
</tr>
<tr>
<td>RMI 4135</td>
<td>3.0</td>
<td>Employee Benefit Pln</td>
</tr>
</tbody>
</table>

To Be Taken In Spring:  
RMI 3011 3.0 Risk Mgmt & Ins  
FIN 4134 3.0 Estate Planning

### Required Business  
(06 SEMESTER HOURS)  
Grade of “C” or better required in prerequisites.

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### Non-business Requirements  
(3000 - 4000 LEVEL)  
(06 SEMESTER HOURS)  
Cultural Diversity  
Select one from approved business cultural diversity list.  
Oral Communication  
SPC 4064 3.0 Public Speaking Prof

* This program is pending evaluation of official transcripts.  
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.  
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**Department of Economics and Geography**  
620-2640  
Paul M. Mason, Professor and Chair  
Stephen L. Shapiro, Professor  
Jeffrey W. Steagall, Professor, Chairholder, and Director of the International Business Program  
Earle C. Traynham, Professor and Chairholder  
Louis A. Woods, Professor  
Harriet A. Stranahan, Associate Professor  
Mina N. Baliamoune, Assistant Professor  
Sharon C. Cobb, Assistant Professor  
Andrés Alberto Gallo, Assistant Professor  
Christopher Johnson, Assistant Professor  
Natalia S. Sinyavskaya, Assistant Professor  
Thomas Coppedge, Instructor

**www.unf.edu/ccb/econgeog**

The program of the Department of Economics and Geography is designed to provide students with the tools and concepts necessary to understand our modern economy, to function more effectively as citizens, and to make sound decisions. A major in economics opens the door to a wide variety of jobs in business, government, finance, and the professions. Economics is particularly appropriate for those students who plan to enter public service or law, whether in the community or at other levels, or who plan to go on to graduate study.

Students receiving a B.B.A. degree with a major in economics must meet all requirements for that degree, including the pre-requisites and the 21 hours common to all majors in the college.

**Major: Economics**  
**Track: Economics**  
**Degree: Bachelor of Business Administration**

### Prerequisites  
(21 SEMESTER HOURS)  
Grade of “C” or better required in prerequisites.

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<td>CGS 1100</td>
<td>3.0</td>
<td>Cmpt App For Bus</td>
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Demonstrated competency or one of the following course equivalencies may be substituted:  
CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.  
MAC 2233 3.0 G(M)Calc For Bus  
MAC x230 may be substituted for MAC 2233  
STA 2023 3.0 G(M)Elem Stats-Bus  
QMB x100 may be substituted for STA 2023.  

### Core Requirements  
(21 SEMESTER HOURS)  
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</tr>
<tr>
<td>SOP 3004</td>
<td>3.0</td>
<td>Social Psychology</td>
</tr>
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</table>
All Coggin College of Business students receive a solid foundation in all functional areas in business, including economics, finance, law, management, and marketing. In addition, all students develop both quantitative skills and communications skills. However, UNF international business majors distinguish themselves from other business majors in four ways. First, they learn about international aspects of functional business areas, including economics, finance, management and marketing. Second, they become proficient in a foreign language. Third, they learn about a particular area of the world. Fourth, all international business students receive a one-semester internship with a company actively involved in international business. This training provides international business majors with practical experience that will make them more marketable upon graduation.

International business majors must satisfy all requirements for the B.B.A. degree.

The upper-level requirements for the international business major are as follows:

**Major: International Business**

**Track: International Business**

**Degree: Bachelor of Business Administration**

**Prerequisites**

- Grade of “C” or better required in prerequisites.
- MAN 3025, MAR 3023, and FIN 3403 must be completed with “C’s” or higher prior to enrolling in MAN 4720.

**In last term take:**

- MAN 4720 3.0 Strat Mgt Bus Policy

**Core Requirements**

- Grade of “C” or better required in all core courses.
- MAN 3025 3.0 Adminis Management
- MAR 3023 3.0 Prin Of Marketing
- FIN 3403 3.0 Financial Management
- SOP 3004 3.0 Social Psychology
- BUL 3130 3.0 Legal Environ Of Bus
- MAN 3504 3.0 Prod-Oper-Logist Man

* MAN 3025, MAR 3023 and FIN 3403 must be completed with “C’s” or higher prior to enrolling in MAN 4720.

**Non-business Requirements**

- Cultural Diversity
- Select one from approved business cultural diversity list
- Oral Communication
- SPC 4064 3.0 Public Speaking Prof

**Free Electives**

- (3000 - 4000 LEVEL) (06 SEMESTER HOURS)
- * This program is pending evaluation of official transcripts.
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- * Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**International Business Program**

**620-2395**

**Jeffrey W. Steagall, Professor, Chairholder and Director**

**www.unf.edu/ccb/intlbus**

**International Business Major** The international business major is designed for students who are excited about the increasing globalization of the business world. Students who major in international business will be prepared not only for doing business domestically, but also for engaging in the dynamic world of import/export and international finance.
**Major Requirements (12 SEMESTER HOURS)**
Grade of “C” or better required in major requirements.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 3703</td>
<td>3.0</td>
<td>International Trade</td>
</tr>
<tr>
<td>FIN 4604</td>
<td>3.0</td>
<td>International Finance</td>
</tr>
<tr>
<td>MAN 4600</td>
<td>3.0</td>
<td>Man International Bus</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>3.0</td>
<td>Internntal Marketing</td>
</tr>
</tbody>
</table>

**Major Electives (06 SEMESTER HOURS)**
GEB 3361 3.0 Intrntl Bus Intrnshp

Select One Course
- ACG 4251 3.0 International Acctng
- ECO 4723 3.0 Inter Monetary Sys
- GEO 3502 3.0 Economic Geography
- FRE 3440 3.0 Fre For Professions
- SPN 3013 3.0 Span For Professions

**Requisites (06 SEMESTER HOURS)**
Language Requirement (2000 - 4000 LEVEL)
Select two intermediate courses in foreign language:
FRE/JPN/SPN/GER

**Required Business (06 SEMESTER HOURS)**
ISM 4011 3.0 Intro Mgmt Info Sys

Select One
- ECO 3411 3.0 Business & Econ Stat
- QMB 4600 3.0 Intro To Man Science

**Non-business Requirements (3000 - 4000 LEVEL) (09 SEMESTER HOURS)**
Oral Communication
SPC 4064 3.0 Public Speaking Prof

Regional Studies
Select two courses from one of the seven regional studies areas which differs from residential experience. Courses must be chosen from the list of approved courses obtained from the IBS advisor. One of the two courses must satisfy the cultural diversity requirement for the business college.

Asia - Europe - Latin America - Middle East - International Relations & Politics - French Language - Spanish Language

See IBP website for approved list of regional studies courses. www.unf.edu/coba/intlbus

Other qualifying regional studies courses may occasionally be offered as special topics courses. Students may substitute qualifying courses with prior permission from the director of the international business program.

* This program is pending evaluation of official transcripts.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* This program is subject to a student fully admitted into the College of Business Administration.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

All international business majors are required to have an approved international experience. Examples of approved experiences include the following:
- successful completion of an internship abroad
- successful participation in a CCB-sponsored study abroad program
- successful participation in a CCB-approved study abroad program
- successful participation in a student exchange program abroad
- studying another language abroad

* Note that international students studying at UNF automatically satisfy this requirement, because they are studying abroad.

International Business majors are encouraged to double major in a functional area of business or in a foreign language.

**Department of Management, Marketing and Logistics 620-2780**
- Huel E. Baker III, Professor and Chair
- Ronald J. Adams, Professor
- John M. Browning, Professor
- B. Jay Coleman, Professor and Chairholder
- Adel I. El-Ansary, Professor and Chairholder
- Bruce Fortado, Professor
- Edward A. Johnson, Professor
- C. Bruce Kavan, Professor, Chairholder and Director
- Douglas Lambert, Professor and Chairholder
- Frank S. McLaughlin, Professor
- Steven K. Paulson, Professor and Chairholder
- Lowell M. Salter, Professor
- A. Coskun Samli, Research Professor
- M. Reza Vaghefi, Professor
- Robert Frankel, Associate Professor and Chairholder
- Craig G. Harms, Associate Professor
- Robert W. Schupp, Associate Professor
- Cheryl A. Van Deusen, Associate Professor
- Steven A. Williamson, Associate Professor and Director
- Yemisi A. Bolumole, Assistant Professor
- Dag Näslund, Assistant Professor
- Valerie K. Spitler, Assistant Professor
- Willie J. Ervin, Instructor and Advisor
- Frederick D. Pragasam, Instructor
- Marjory Templeton, Instructor
- www.unf.edu/ccb/mml

**Management Major** The management major is designed for students interested in a wide range of organizational management. The curriculum has been developed to include a combination of business, technical, and behavioral courses in order to prepare the student for employment in a business or other for-profit or nonprofit organization. Flexibility is allowed so that students have some discretion in orienting their programs toward career and degree objectives. While the basic courses required of a management major are the same for all students, a variety of options is available to students with special interests. For example, students inter-
ested in human resource management and industrial relations can combine courses in the Department of Management, Marketing, and Logistics with courses offered in psychology, economics, political science, and sociology to provide greater emphasis on the management of human resources. Students interested in management positions in manufacturing can combine courses in the Department of Management, Marketing, and Logistics with those offered in economics, accounting, and technologies to provide greater emphasis on managing for increased productivity in manufacturing. Students interested in small business can focus their courses in order to achieve a better understanding of the problems of developing and managing the small firm.

Students who choose management as their area of concentration must satisfy all requirements for the B.B.A. degree. As a part of the B.B.A. degree program, these students must satisfy the management major requirement and a contextual studies requirement.

The upper-level requirements for a major in management are:

**Major: Business Management**

**Track: Management**

**Degree: Bachelor of Business Administration**

**Prerequisites**

(21 SEMESTER HOURS)

Grade of “C” or better required in prerequisites.

- ACG 2021 3.0 Prin Financial Acc
- ACG 2071 3.0 Prin Managerial Acc
- ECO 2013 3.0 Princ Macroeconomics
- ECO 2023 3.0 Princ Microeconomics
- CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2530, CGS 2570, CGS 2000, or MAN 2812.

- MAC 2233 3.0 G(M)Calc For Bus
- MAC x230 may be substituted for MAC 2233
- STA 2023 3.0 G(M)Elem Stats-Bus
- QMB x100 may be substituted for STA 2023.

**Core Requirements**

(21 SEMESTER HOURS)

Grade of “C” or better required in all core courses.

- MAN 3025 3.0 Adminis Management
- MAR 3023 3.0 Prin Of Marketing
- FIN 3403 3.0 Financial Management
- SOP 3004 3.0 Social Psychology
- BUL 3130 3.0 Legal Environ Of Bus
- MAN 3504 3.0 Prod-Oper-Logist Man

* MAN 3025, MAR 3023, and FIN 3403 must be successfully completed prior to enrolling in MAN 4720.

In last term take:

- MAN 4720 3.0 Strat Mgt Bus Policy

**Major Requirements**

(24 SEMESTER HOURS)

- MAN 4201 3.0 Organization Theory
- MAN 4240 3.0 Organizational Behavior

**Business Electives**

(09 SEMESTER HOURS)

Select One Course

- ECO 3101 3.0 Inter Microeconomics
- ECO 3203 3.0 Inter Macroeconomics
- ECO 3703 3.0 International Trade
- ECO 3411 3.0 Business & Econ Stat
- ECP 3203 3.0 Labor Economics
- ECP 3703 3.0 Managerial Economics

Select Two Courses

(3000 - 4000 LEVEL)

- ACG BUL ECO ECP ECS FIN GEB GEO MAR RMI TAX TRA

**Non-business Electives**

(06 SEMESTER HOURS)

Select one from approved business cultural diversity list

Oral Communication

SPC 4064 3.0 Public Speaking Prof

* This program is pending evaluation of official transcripts.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* This program is subject to a student fully admitted into the College of Business Administration.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**Marketing Major**

The marketing major is designed for students interested in the marketing of consumer and industrial goods and services. The curriculum has been developed to include course work in the principles and foundations of marketing management and in the marketing functions of manufacturers, wholesalers, and retailers. The major also includes behavioral, technical, and elective courses in order to prepare the student for a marketing management career.

Flexibility is allowed so that students have some discretion in orienting their program toward career and degree objectives. Students are encouraged to work closely with their advisors in selecting major and contextual courses which are appropriate to their objectives.

Students who choose marketing as their area of concentration must satisfy all requirements for the B.B.A. degree. As a part of these requirements, marketing students must satisfy the marketing concentration requirement and a contextual studies requirement. A maximum of 18 hours of marketing, excluding marketing courses required of all B.B.A. candidates, will be counted toward satisfying degree requirements.
Students with an interest in a sales career should select MAR 4403 Sales Mgmt., MAR 4400 Professional Selling and MAR 4946 Professional Sales Internship as marketing major electives.

The upper-level requirements for a major in marketing are:

**Major: Marketing**  
**Track: Marketing**  
**Degree: Bachelor of Business Administration**

### Prerequisites (21 SEMESTER HOURS)
Grade of “C” or better required in prerequisites.

- ACG 2021 3.0 Prin Financial Acc  
  * sequence of ACG 2001/2011 may be substituted for ACG 2021.  
- ACG 2071 3.0 Prin Managerial Acc  
- ECO 2013 3.0 Princ Macroeconomics  
- ECO 2023 3.0 Princ Microeconomics  
- CGS 1100 3.0 Cmpt App For Bus  
  
Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

- MAC 2233 3.0 G(M)Calc For Bus  
  * MAC x230 may be substituted for MAC 2233  
- STA 2023 3.0 G(M)Elem Stats-Bus  
  * QMB x100 may be substituted for STA 2023.

### Core Requirements (21 SEMESTER HOURS)
Grade of “C” or better required in all core courses.

- MAR 3023 3.0 Prin Of Marketing  
- MAN 3025 3.0 Adminis Management  
- FIN 3403 3.0 Financial Management  
- SOP 3004 3.0 Social Psychology  
- BUL 3130 3.0 Legal Environ Of Bus  
- MAN 3504 3.0 Prod-Oper-Logist Man  
  
* MAR 3023, MAN 3025, and FIN 3403 must be successfully completed prior to enrolling in MAN 4720.

In last term take:  
- MAN 4720 3.0 Strat Mgt Bus Policy

### Major Requirements (18 SEMESTER HOURS)
Grade of “C” or better required in major requirements.

- MAR 4613 3.0 Mar Research & Info  
- MAR 4503 3.0 Consumer Behavior  
- MAR 4156 3.0 Intenmtl Marketing  
- MAR 4803 3.0 Strategic Markt Mgmt  

Select Two Marketing Courses. (3000 - 4000 LEVEL)

- TRA 4202 3.0 Log Sys Management  
- MAN

### Required Business (15 SEMESTER HOURS)

- ISM 4011 3.0 Intro Mgmt Info Sys  

Select One Course.

- ECO 3101 3.0 Inter Microeconomics  
- ECO 3203 3.0 Inter Macroeconomics  
- ECO 3411 3.0 Business & Econ Stat  
- ECO 3703 3.0 International Trade

**Non-business Requirements**

- ECP 3203 3.0 Labor Economics  
- ECP 3703 3.0 Managerial Economics  

Select Two Courses (3000 - 4000 LEVEL)

- ACG BUL ECO ECP ECS FIN GEB GEO MAN QMB REE RMI TAX TRA

Select One Course

- ECO 3411 3.0 Business & Econ Stat  
- QMB 4600 3.0 Intro To Man Science  

ECO 3411 can be counted only once.

**Transportation and Logistics Major**

The University of North Florida’s Transportation and Logistics Program offers a unique and rewarding program for students electing to major in transportation and logistics. The program prepares students for challenging careers in supply chain management, international logistics, transportation, and physical distribution. Many graduates of the Program have accepted positions with local logistics firms as well as with major corporations located across the country.

The Program has received considerable state, national, and international recognition. The Florida Board of Regents selected the UNF Transportation and Logistics Program as one of the initial five programs to receive the Florida Legislature’s “Program of Distinction” emphasis within the State University System. The Board of Regents further recognized the Program by designating it as one of the university system’s “Centers of Excellence.” The Transportation and Logistics Program also includes the International Center for Competitive Excellence. The Center actively performs ongoing logistics and supply chain management research with several of its corporate members, which include global companies headquartered in the United States as well as New Zealand, Mexico, and around the world. The Center also conducts an internationally recognized executive education program in logistics and supply chain management. These distinctions provide many opportunities for the Transportation and Logistics Program to develop innovative approaches for transportation and logistics education and community service.

The Prime F. Osborn III Eminent Scholar Chair in Transportation has greatly enhanced the Program’s research capabilities and leadership in logistics education. The professorship resulted from a gift by the CSX Corporation in honor of the
major: Transportation & Logistics
Track: Transportation & Logistics
Degree: Bachelor of Business Administration

Prerequisites (21 SEMESTER HOURS)
Grade of "C" or better required in prerequisites.

- ACG 2021 3.0 Prin Financial Acc
- sequence of ACG 2001/2011 may be substituted for ACG 2021
- ACG 2071 3.0 Prin Managerial Acc
- ECO 2013 3.0 Prin Macroeconomics
- ECO 2023 3.0 Prin Microeconomics
- CGS 1100 3.0 Cmptr App For Bus
- MAC 2233 3.0 G(M)Calc For Bus
- demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.
- STA 2023 3.0 G(M)Elem Stats-Bus
- QMB x100 may be substituted for STA 2023

Core Requirements (21 SEMESTER HOURS)
Grade of "C" or better required in all core courses.

- MAN 3504 3.0 Prod-Oper-Logist Man
- MAN 3025 3.0 Adminis Management
- MAR 3023 3.0 Prin Of Marketing
- FIN 3403 3.0 Financial Management
- SOP 3004 3.0 Social Psychology
- BUL 3130 3.0 Legal Environ Of Bus

* MAN 3023, MAR 3023, and FIN 3403 must be completed with "C's" or higher prior to enrolling in MAN 4720.

In last term take:
- MAN 4720 3.0 Strat Mgt Bus Policy

Major Requirements (15 SEMESTER HOURS)
Grade of "C" or better required in major requirements.

- QMB 4600 3.0 Intro To Man Science
- ISM 4011 3.0 Intro Mgmt Info Sys
- To be taken in fall only
- TRA 3035 3.0 Foundations Of Trans
- To be taken in spring only
- TRA 4202 3.0 Log Sys Management
- TRA 4935 BA 1-3 ST:Supply Chain Mgmt

Major Electives (03 SEMESTER HOURS)
Select One Course

- TRA 4935 BC 3.0 ST:Intl Logistics
- TRA 4945 3.0 Logistics Internship
- MAN 4401 3.0 Labor Relations
- MAR 4461 3.0 Purchasing Managemnt
- TRA 4139 3.0 Sem:Purch Matls/Mgmt

Required Business (15 SEMESTER HOURS)
Required Course

- ECO 3411 3.0 Business & Econ Stat

Select One Course

- ECO 3101 3.0 Inter Microeconomics
- ECO 3203 3.0 Inter Macroeconomics
- ECO 3703 3.0 International Trade
- ECP 3703 3.0 Managerial Economics

Select One Course (3000 - 4000 LEVEL)

- MAN 4600 3.0 Man Internationl Bus
- MAR 4156 3.0 Interntnal Marketing
- FIN 4604 3.0 Internationl Finance
- ECP 3703 3.0 International Trade

* ECO 3703 International Trade can only be counted once

Select Two Courses (3000 - 4000 LEVEL)

- ACG BUL ECO ECP ECS FIN GEB GEO ISM MAN MAR QMB REE RMI TAX

Non-business Requirements (3000 - 4000 LEVEL) (06 SEMESTER HOURS)
Cultural Diversity
Select one from approved business cultural diversity list
Oral Communication

- SPC 4064 3.0 Public Speaking Prof

* This program is pending evaluation of official transcripts.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* This program is subject to a student fully admitted into the College of Business Administration.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

Business Law Courses in business law are provided to support other disciplines in the University. These courses are designed to increase the student’s knowledge in areas such as legal environment of business, personal law, and legal justice, as well as the traditional business law. There is no degree program in business law. The Legal Environment of Business course is an excellent course for all majors. For this reason it has no prerequisites and is open to all students beginning in their freshman year.
Minor in Business Administration  Departments or divisions outside the Coggin College of Business that wish to offer a minor in business administration may do so provided they meet the requirements given below, including the prerequisites for all courses in which the student enrolls. Departments wishing to offer a minor in business should discuss the issue with a representative of the college prior to submitting formal program material. The college will help in selecting specific courses which might be most helpful for students.

**Minor: Business Administration Minor**

**Minor Prerequisites**  
(18 SEMESTER HOURS)

- ACG 2021  3.0  Prin Financial Acc  
  * sequence of ACG 2001/2011 may be substituted for ACG 2021  
- ACG 2071  3.0  Prin Managerial Acc  
- ECO 2013  3.0  Princ Macroeconomics  
- ECO 2023  3.0  Princ Microeconomics  
- CGS 1100  3.0  Cmptr App For Bus  
- STA 2023  3.0  G(M)Elem Stats-Bus  

QMB x100 may be substituted for STA 2023

**Minor Requirements**  
(12 SEMESTER HOURS)

- FIN 3403  3.0  Financial Management  
- MAN 3025  3.0  Adminis Management  

Select Two  
- BUL 3130  3.0  Legal Environ Of Bus  
- MAR 3023  3.0  Prin Of Marketing  
- TRA 3222  3.0  Prod-Oper-Logist Man  

Conditions for the minor:  
1. At least 12 hours of upper-level course work in Business Administration must be taken at UNF.  
2. A grade of “C” or better is required for all minor courses, including prerequisites.  
3. Students seeking a minor in business administration must adhere to the college’s continuous enrollment policy stated in the UNF catalog.

**Minor: Economics Minor**  
This minor is available to non-business and business majors.

**Minor Prerequisites**  
(06 SEMESTER HOURS)

- ECO 2013  3.0  Princ Macroeconomics  
- ECO 2023  3.0  Princ Microeconomics  

**Minor Requirements**  
(12 SEMESTER HOURS)

Required Courses  
- ECO 3101  3.0  Inter Microeconomics  
- ECO 3203  3.0  Inter Macroeconomics  

Select One Course  
- ECO 3411  3.0  Business & Econ Stat  
- ECO 3421  3.0  Econometrics  

Select One Course, (3000 - 4000 LEVEL)  
ECO/ECP/ECS/GEO  
Excluding ECO 3701, ECP 3703, and ECO 3900 AA  

Conditions for the minor:  
1. At least six semester hours of upper-level course work in Economics must be taken at UNF.  
2. A grade of “C” or better is required for all minor courses, including prerequisites.

**Minor in Finance**  
The minor in finance has been added to meet the needs of Accounting, International Business and other Coggin College of Business majors for additional coursework in this important area.

**Minor: Finance Minor**

**Minor Prerequisites**  
(21 SEMESTER HOURS)

- ACG 2021  3.0  Prin Financial Acc  
  * sequence of ACG 2001/2011 may be substituted for ACG 2021  
- ACG 2071  3.0  Prin Managerial Acc  
- ECO 2013  3.0  Princ Macroeconomics  
- ECO 2023  3.0  Princ Microeconomics  
- CGS 1100  3.0  Cmptr App For Bus  
- MAC 2233  3.0  G(M)Calc For Bus  
- MAC x230 may be substituted for MAC 2233  
- STA 2023  3.0  G(M)Elem Stats-Bus  
- QMB x100 may be substituted for STA 2023

**Minor Requirements**  
(15 SEMESTER HOURS)

- FIN 3403  3.0  Financial Management  
- FIN 3233  3.0  Money And Banking  
- FIN 4504  3.0  Investments  

Select two courses from the following list:  
RMI 4135  3.0  Employee Benefit Pln  
RMI 3011  3.0  Risk Mgmt & Ins  
ACG 4944  3.0  Small Bus Counseling  
ECO 4223  3.0  Monetary Economics  
TAX 3721  3.0  Tax Plan Finan Decis  
**Accounting majors may not take TAX 3721.**  
**Financial services majors may not take FIN 3140.**  
FIN REE  

Conditions for the minor:  
1. To obtain a minor in finance, a student must receive a B.B.A. degree from UNF.  
2. Nine semester hours, or three courses, must be taken in the College of Business Administration at UNF.  
3. A grade of “C” or better is required in all minor courses, including prerequisites.  
4. Students who wish to obtain this minor must apply through an established procedure, which is available in the College’s Student Service Center.

**Minor in International Business**  
Students in the Coggin College of Business with an interest in the increasingly important area of international business may wish to develop a schedule which includes the courses constituting the minor in international business. With careful course scheduling, a student should be able to meet the requirements for the minor without exceeding the 60 upper-level hours required for the B.B.A. degree. Interested students should discuss the minor with their advisor and the director of the program. Students wishing to obtain this minor must apply through an established procedure, which is available in the College’s Student Service Center.

**Minor: International Business Minor**

**Minor Requirements**  
(15 SEMESTER HOURS)

Required Courses  
- ECO 3703  3.0  International Trade  
- FIN 4604  3.0  International Finance  
- MAN 4600  3.0  Man International Bus
Select One
   MAR 4156  3.0  Internntl Marketing
   TRA 4703  3.0  Internntl Distribtn
Select One (3000 - 4000 LEVEL)
   HIS/GEO/ASH/EUH/LAH

**Conditions for the minor**
1. To obtain a minor in international business, a student must receive a B.B.A. degree from UNF.
2. Nine semester hours, or three courses, must be taken in the College of Business Administration at UNF.
3. A grade of “C” or better is required in all minor courses, including prerequisites.
4. Courses chosen from outside the College of Business Administration must be approved by the student’s academic advisor.
5. Students who wish to obtain this minor must apply through an established procedure which is available in the College’s Student Service Center.

**Minor in Purchasing and Materials Management**
Students interested in opportunities in Purchasing and Materials Management may elect to combine a major in one of the functional business areas with a minor in purchasing and materials management.

**Minor: Purchasing Materials Minor**
**Minor Requirements (12 SEMESTER HOURS)**
**Required Courses**
   - MAR 4461  3.0  Purchasing Management
   - ACG 4361  3.0  Cost Accounting
   - TRA 3035  3.0  Foundations Of Trans
**Choose One**
   - MAN 4579  3.0  Sem: Purch/Matls Mgmt
   - TRA 4139  3.0  Sem: Purch Matls/Mgmt

**Conditions for the minor**
1. Students must be pursuing a BBA degree from UNF to qualify for the purchasing and materials management minor.
2. Three of the four courses specified above must be taken in the College of Business Administration at UNF.
3. Only one course in the minor may also be counted as a required major course or a major elective course.
4. Students wishing to obtain this minor must apply through an established procedure which is available in the College’s Office of Student Services.
5. A grade of “C” or better is required in all minor courses, including prerequisites.

**Osprey Investment Group (OIG)**
Osprey Investment Group is comprised of undergraduate and graduate students that invest a portion of the assets of the UNF Foundation in a diversified, actively managed portfolio of equity and fixed income securities. The principal is from a gift to the Foundation from Jody and Layton Smith expressly for the purpose of enabling a special group of students to manage a $500,000 portion of the endowment.

The course is organized like a professionally managed fund and students are assigned officer positions and sector responsibilities. The assets managed by OIG 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 OIG 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.

OIG is a two-semester sequence of courses providing a maximum of six credits. Rather than enrolling in the course; however, students are required to apply. A maximum of 12 students is selected and they will comprise the class for both semesters. Eligible undergraduate students are majors in either finance or financial services. Eligible graduate students are enrolled in the MBA program and possess experience in personal or professional investing.

**The Center for Economic Education**
**Stephen L. Shapiro,** Director  
**Mollie T. Lawrence,** Assistant Director

The Center for Economic Education is a service arm of the Coggin College of Business that is supported by the College and the University. It is one of five such university-related centers in Florida charged with meeting state mandates for economic and free-enterprise education.

The Center’s mission includes the provision of pre-service economics instruction to students pursuing degree programs in the University; the provision of in-service economics instruction and updating to PreK-12 classroom teachers in our service area; the maintenance of a resource center for area PreK-12 classroom teachers; the provision of consulting services regarding curriculum and resources to area school districts, other educational agencies, and private interest groups; and the pursuit of research projects focusing on current problems in economics education.

**The Center for International Business Studies (CIBS)**
**Jeffrey W. Steagall,** Director and Chairholder  
**Lou Alabassi,** Assistant Director

The Center for International Business Studies (CIBS) creates a College-wide environment in which international business education is a focus for students, faculty, and the northeast Florida business community. Therefore, CIBS assists faculty in grant writing to support research and teaching projects in international business; sets up student internships; creates and offers faculty-led study abroad courses; develops student and faculty exchange opportunities; hosts international business speakers; and supplies international business information to the local business community.

**Institute for Management Development and Organizational Quality**
**Steven A. Williamson,** Director

The Coggin College of Business’ Institute for Management Development and Organizational Quality was established to provide technical expertise in the functional areas of business to organizations whose operations affect Northeast Florida.
The Institute contracts to deliver direct educational programs, management consulting and facilitation services, applied organizational research, and quality process evaluation and development. The Institute brings together the various disciplines within the College and is central to the College’s community outreach activities. All Institute programs are conducted by Coggin College of Business faculty members and are organization specific in design. Whenever possible the Institute enables both graduate and undergraduate students to gain practical experience by involving them in its activities.

**Center for Entrepreneurial Studies, Research and Development/Small Business Development Center**

**Janice Williams Donaldson, SBDC Regional Director**

The University of North Florida Center for Entrepreneurial Studies, Research and Development creates linkages between the public, private and university sectors in north Florida. The center is involved in development of entrepreneurial courses in the Coggin College of Business for degree seeking students.

Programs coordinated by the Center for Entrepreneurial Studies, Research and Development include:

**Small Business Institute (SBI)** — gives students “hands-on” experience in business management. As an elective course in the Coggin College of Business, SBI matches the student’s expertise with a small-business owner’s needs. An in-depth study of the business operation results in recommendations and implementation by the student for improving the business.

The University of North Florida Small Business Development Center (SBDC) assists existing and potential small-business owners in a 17-county area. Part of a statewide network supported by the U.S. Small Business Administration, the State of Florida and the University of North Florida, the center coordinates a variety of programs designed to increase the entrepreneur’s management efficiency, thereby increasing the chances for a successful venture. Management assistance is provided through individual consultation and group training sessions at little or no charge. Thousands of small business owners and potential owners in Duval, St. Johns, Clay, Nassau, Putnam, Alachua, Marion, Levy, Bradford, Columbia, Baker, Union, Hamilton, Lafayette, Dixie, Gilchrist and Suwannee counties are assisted each year. Business start-up workshops, management development seminars and in-depth planning courses are conducted year-round. Graduate assistants, faculty members, full-time professionals and executives in residence provide one-on-one assistance in marketing, accounting, finance, business planning and other management areas.

Special programs coordinated through the SBDC include:

**Small Business Resource Network** — A referral source for small businesses looking for accounting, legal, insurance, financial, and management expertise. Sources include public agencies and private-sector professionals.

**Business-to-Business Marketing Leads** — helps businesses prospect for new customers, test marketing ideas and analyze market potential. This database software enables business owners to build, refine and refine target marketing leads and also helps to identify competitors. **fiscal Financial Analysis** — analyzes financial statements to determine trends, to calculate financial ratios for industry comparison, to pinpoint areas for improvement, and to establish a value for the business.

**SMART Assessment** — The Strategic Management Assessment Research Tool (SMART) management audit evaluates the quality of systems and processes within a company as they relate to leadership, strategic planning, customer and market focus, human resource development and management, and business results.

**The Center for Research and Education in Wholesaling (CREW)**

**Earle C. Traynham, Acting Director**

The Center for Research and Education in Wholesaling has been established to:

1. Stimulate student interest in pursuing careers in wholesaling and preparing them for entry level positions in wholesaling,
2. Improve communication between wholesaling practitioners and the faculty to familiarize the faculty with the unique problems and challenges that wholesalers face, and encourage them to pursue research projects in wholesaling,
3. Provide management development opportunities for executives in wholesaling,
4. Accumulate and disseminate information on wholesaling with emphasis on research studies.

The center’s blueprint encompasses a broad range of programs designed to accomplish its objectives.

The first component of CREW programs focuses on providing unique educational programs leading to career opportunities in wholesaling. These programs include a course in wholesaling, an executive seminar in wholesaling, and a summer internship program in wholesaling.

The second component of CREW programs focuses on providing research opportunities for the faculty and developing rich data bases to facilitate research and education in wholesaling. These programs include a research program in wholesaling, a Doctoral Dissertation Award in Wholesaling, and a Summer Faculty Research Fellowship.

The third component of CREW programs encompasses its publications and library. These programs include Wholesaling Issues/Wholesaling Perspectives Newsletter, a Wholesaling Library and Data Bases, and the Journal of Wholesaling.

The fourth component of CREW programs deals with executive programs designed to stimulate dialogue between academicians and executives. These programs include CEO
Lecture Series, Executive-in-Residence Program, Annual Issues Conference, and Executive Briefings.

**Paper and Plastics Education Research Foundation Endowed Chair In Supply Chain Management** is a one million dollar gift made possible through a contribution of $600,000 from the Paper and Plastics Education Research (PAPER) Foundation matched by $400,000 in state funds appropriated for the Centers for Excellence Eminent Scholar Program.

The Eminent Scholar Chair has been established because of the paper industry’s commitment to addressing the strategic needs of the paper and plastics distributors. These strategic needs are related to the process of making distributors the most economically viable channel of distribution for suppliers of paper, plastics, and allied products.

**The International Center for Competitive Excellence**

**Douglas M. Lambert, Director**

The International Center for Competitive Excellence is a multi-disciplinary forum dedicated to customer satisfaction through integrated supply chain management. It is a joint effort with The Global Supply Chain Forum at The Ohio State University, Douglas M. Lambert, Director. The Center is also affiliated with the Instituto De Estudios Para La Excelencia Competitiva at the Universidad Austral in Buenos Aires, Argentina. The mission of the Center is to provide an open forum for leading edge practitioners and academics to pursue the critical issues related to customer satisfaction and operational excellence independent of specific functional expertise. Corporate supporters include: 3M; Cemex, Mexico; Coca-Cola, USA; Colgate-Palmolive Company; Fletcher Challenge; Ford Motor Company; Hewlett-Packard; International Paper; Limited Distribution Services; Lucent Technologies; Maersk Sealand; Taylor Made - adidas Golf Company; Wendy’s; and Whirlpool.

The Center supports research and publications focused on real world applications and experience. The materials developed as a result of the Center’s efforts will be incorporated into course work for undergraduate and MBA programs as well as executive development programs.

The objectives of the center are:

1. Stimulate student interest in careers in supply chain management, logistics and related fields,
2. Increase communication between leading edge practitioners and faculty,
3. Pursue a research agenda that will contribute to improved competitiveness for American industry.

The Center works in cooperation with Executive Development Programs within the Coggin College of Business to offer programs designed to bring executives from around the world to campus for short courses dealing with important concerns of management.

**The Prime F. Osborn III Eminent Scholar Chair in Transportation**

**Douglas M. Lambert, Chairholder**

The Prime F. Osborn III Eminent Scholar Chair in Transportation is supported by a one million dollar gift to the University made possible by a $600,000 contribution from CSX Corporation to honor its former Chairman Prime F. Osborn III and a $400,000 matching gift from the State of Florida Centers for Excellence Eminent Scholar Program.

The Eminent Scholar Chair is held by Dr. Douglas M. Lambert who returned to the University of North Florida on January 4, 1999. He also held the chair from 1991–1996. Since July, 1996 he has been the Mason Professor of Transportation and Logistics and Director of The Global Supply Chain Forum at The Ohio State University. From 1983 to 1985, he was PepsiCo Professor of Marketing at Michigan State University and he was on the faculty of the University of South Florida from 1985 to 1991. Dr. Lambert has served as a faculty member for over 500 executive development programs in North America, South America, Europe, Asia, Australia and New Zealand. He is co-author of Management in Marketing Channels, Strategic Logistics Management, 4th edition, and Fundamentals of Logistics Management. His publications include more than 100 articles and conference proceedings. In 1986 Dr. Lambert received the Council of Logistics Management’s Distinguished Service Award, “the highest honor that can be bestowed on an individual for achievement in the physical distribution/logistics industry,” for his contributions to logistics management. In 1997 he and his co-authors received the Council of Logistics Management Founders Award for their article, “A Methodology for Measuring Vendor Performance,” Journal of Business Logistics, 1991. The Founders Award is given for articles written at least three years prior to receiving the award that “have made a profound impact on the theory and practice of logistics”. He holds an honors B.A. and M.B.A. from the University of Western Ontario and a Ph.D. from The Ohio State University. Dr. Lambert is co-editor of The International Journal of Logistics Management.

**The Bank of America Institute, A Center for the Management of Technology in Financial Services**

**C. Bruce Kavan, Director and Chairholder**

The Bank of America Institute was created to furnish research and information regarding the integration, management and deployment of technology to the financial services industry. The institute was made possible by a contribution from Bank of America, one of the nation’s largest financial services companies. It occupies a link between the Coggin College of Business and the College of Computing Sciences and Engineering. This link fosters interdisciplinary research by focusing faculty and students expertise from both colleges upon management and information issues relevant to the financial services industry. The Bank of America Institute was formed in June 1993.
Accounting

ACG 2021 - Principles of Financial Accounting
Prerequisite: Sophomore standing. Conceptual introduction to financial accounting. Emphasis is placed on wealth and income measurement and the preparation of conventional financial statements.

ACG 2071 - Principles of Managerial Accounting
Prerequisite: ACG 2021 with “C” or better. Conceptual introduction to managerial accounting. Accounting for cost reporting and control. Reports, statements, and analytical tools used by management.

ACG 3103 - Intermediate Accounting Problems and Concepts I

ACG 3113 - Intermediate Accounting Problems and Concepts II
Prerequisite: ACG 3103 with “C” or better. A continuation of ACG 3103.

ACG 3123 - Intermediate Accounting Problems and Concepts III
Prerequisite: ACG 3113 with “C” or better. A continuation of ACG 3113 with emphasis on special contemporary problems, FASB pronouncements, and fund accounting.

ACG 3501 - Fund Accounting
Prerequisite: ACG 3103 with “C” or better. Special accounting methods and techniques applicable to non-profit and not-for-profit organizations.

ACG 4201 - Advanced Accounting
Prerequisite: ACG 3123 with “C” or better. In-depth study of consolidated financial statements. Other topics include accounting for foreign operations, and international accounting standards.

ACG 4251 - International Accounting
Prerequisite: ACG 3113 with “C” or better. An in-depth study of the major issues and practices in international accounting. Topics include history, environmental influences, the international monetary system, accounting for changes in monetary values, contemporary issues, information disclosure, pricing, international information systems, international auditing standards and professional groups.

ACG 4361 - Cost Accounting
Prerequisite: ACG 2071 and CGS 1100 with “C” or better. Analysis of cost data for both production and distribution of goods and services. Emphasis is on cost-price-volume relationships, evaluating segments of the firm, project evaluation, and analysis of future costs.

ACG 4381 - Controllership
Prerequisite: ACG 4361 with “C” or better. A study of the duties and responsibilities of the chief accounting officer in a business organization. Topics will include the relationship of the controller to other officers of an organization and the selection and use of accounting data for control and decision-making.

ACG 4401 - Accounting Information Systems
Prerequisite: ACG 3103 with “C” or better. Systems analysis, design and implementation of computer-based systems beginning with definition of software specifications.

ACG 4621 - EDP Auditing and Control
Prerequisites: ACG 4401 and ACG 4651 or ACG 4671 with “C” or better. How to design effective and efficient systems of internal control, and how to perform audits in an EDP environment. Special emphasis on software, auditing techniques, advanced techniques and computer security.

ACG 4651 - Auditing
Prerequisite: ACG 3113 and ACG 4401 with “C” or better. An examination of the auditor’s function and responsibilities, including professional standards of ethics, procedures and programs. Audit programs and reports studied in detail.

ACG 4671 - Fundamentals of Internal Auditing
Prerequisite: ACG 3113 and ACG 4401 with “C” or better. Internal auditing is an independent appraisal activity within an organization for the review of operations as a service for management. Internal auditing as a control tool for managerial effectiveness and efficiency is stressed. Topics covered include internal control procedures for manual and EDP systems, operational auditing, audit programs, audit reports and effective communication.

ACG 4901 - Directed Independent Study in Accounting
Prerequisite: ACG 3103. Special studies undertaken independently by students under the supervision of an accounting department faculty member. Student must have the faculty supervisor and Department Chairperson’s approval of a special study prior to enrollment. May be repeated with change of content up to a maximum of 6 credits.

ACG 4931 - Special Topics in Accounting
Prerequisite: ACG 2071 with “C” or better and permission of advisor or department chair. Study of special topics not offered in other departmental courses. May be repeated with change of content up to a maximum of nine credits.

ACG 4941 - Accounting Internship
Prerequisite: ACG 3103 with “C” or better. Significant accounting work experience with a cooperating accounting business, governmental or civic organization. Credit depends upon length of internship. Prior approval of advisor and department chair is required. Grading is on a pass/fail basis.
ACG 4944 - Small Business Counseling 3
Prerequisite: ACG 3103 with “C” or better and permission of instructor and department chair. Practicum in providing assistance to small businesses with accounting problems.

ACG 4951 - Study Abroad in Accounting v. 1 - 9
Prerequisite: Permission of the instructor. Students will study a country’s business practices, with a particular emphasis on accounting. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work. May be repeated up to 9 credits.

TAX 3001 - Federal Income Tax 3
Prerequisite: ACG 2071 with “C” or better. The federal income tax law as it applies primarily to individuals.

TAX 3011 - Income Tax for Corporations, Partnerships, and Estates 3
Prerequisite: TAX 3001 with “C” or better. A survey of federal taxation of corporations, partnerships and estates.

TAX 3721 - Tax Planning in Financial Decisions 3
Prerequisite: ACG 2021 with a “C” or better. A study designed for those business students interested in a general understanding of the tax law and its implications for the planning and decision-making processes necessary for both individuals and business entities. Accounting majors may not take this course for credit.

Business Law
BUL 3130 - The Legal Environment of Business 3
Introduction to law as it relates to and impacts upon the operation of business. Consideration is given to the Uniform Commercial Code, antitrust, employment laws, business ethics, international law and the social and political environment in which a business operates.

BUL 3371 - Real Estate Law 3
Prerequisites: REE 4043, BUL 3130. A survey of legal principles affecting the operation of today’s real estate industry. Topics include real estate brokerage, conveyance, mortgages, leases, zoning, building codes, liens, and pollution control.

BUL 4322 - International Business Law 3
Prerequisite: BUL 3130 or equivalent. This course examines the legal problems that arise in commercial transactions and relations when business organizations cross national boundaries.

BUL 4350 - Business Law II 3
Prerequisite: BUL 3130. Advanced work in business law. Intended primarily for students preparing for professional certification in areas such as accounting and real estate.

BUL 4905 - Directed Individual Studies in Business Law v. 1 - 3
Prerequisites: BUL 3130 or equivalent and approval of department chair. This course allows students to investigate selected topics in business law. May be repeated with a change in content up to a maximum of six credits.

BUL 4906 - Special Topics in Business Law v. 1 - 3
Prerequisite: Permission of instructor. Study of special topics not offered in other courses in the department. May be repeated with change of content up to a maximum of 6 credits.

Economics
ECO 2000 - Economics for Teachers 3
Designed for social studies teachers and teachers of grade K-12. Analysis of the operation of our modern economy, emphasizing the competencies and skill required for teacher certification in Florida and to meet the Sunshine State Standards. The objective of the course is to provide you with a basic understanding of how our economy functions. When you complete the course you will be able to integrate economics into all areas of social studies as well as any other disciplines you may be teaching. Our primary purpose is to give you a full understanding of key economic concepts that are essential in understanding how a market economy operates. We will also look at alternatives to the market as well as the fundamentals of consumer economics. This course cannot be taken by any Coggin College of Business majors or by Economics majors in Arts and Sciences.

ECO 2013 - Principles of Macroeconomics 3
Introduction to the theory of income determination and national income accounting. Analysis of the use of monetary and fiscal policy to accomplish the goals of full employment, economic growth and price stability. Cannot be used to satisfy upper-level requirements for a degree in business administration and economics. Normally offered each term.

ECO 2023 - Principles of Microeconomics 3
Introduction to the market system, market structures, and the theory of production, demand theory and general equilibrium. Cannot be used to satisfy upper-level requirements for a degree in business administration and economics. Normally offered each term.

ECO 3101 - Intermediate Microeconomics 3

ECO 3203 - Intermediate Macroeconomics 3
Prerequisite: ECO 2013. Corequisite: ECO 3411 or ECO 3421 or QMB 4600. This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment. It is normally offered each term.

ECO 3411 - Business and Economic Statistics 3
Prerequisite: Introductory statistics. Statistical techniques developed through the use of business and economic problems. Time-series and index number analysis, simple and multiple regression and correlation, analysis of variance, and quality control. This course should be taken as early as possible in the student’s upper-level curriculum. Normally offered each term.

ECO 3412 - Econometrics 3
Prerequisites: STA 2023, ECO 2013, and ECO 2023. This course provides an introduction to regression analysis with emphasis on the special problems associated with analyzing economic data. Topics include the theory of regression analysis, hypothesis testing, model-building, multicollinearity, heteroscedasticity, autocorrelation, and regression with dichotomous variables. The course emphasizes empirical applications of econometrics. Normally offered every fall.

ECO 3622 - American Economic History 3
ECO 3701 - CD - Contemporary International Economic Issues 3
This core course in the international studies major and minor programs covers basic topics in international economics at an intuitive level, with emphasis on policy. Students will study, in detail, the culture, politics, and economy of a foreign country of their choice in order to appreciate the differences between U.S. and foreign cultures, politics, and economies. This course is a designated UNF Cultural Diversity Course. Normally offered each spring term.

ECO 3703 - International Trade
Prerequisite: ECO 2023. Introduction to international trade theory and practice. Analysis of trade patterns and national policies affecting trade. Normally offered every term.

ECO 4223 - Monetary Economics
Prerequisite: ECO 3203 or permission of instructor. Monetary and banking institutions in the United States and their operations. Integration of monetary and fiscal policy tools. Normally offered each fall term.

ECO 4303 - History of Economic Thought
Prerequisites: ECO 2013, ECO 2023 or permission of instructor. Analysis of the origins and development of economic thought, including a study of major economists, the school with which they have been linked, and the social background that influenced economic ideas. Normally offered fall term in even-numbered years.

ECO 4504 - Public Finance
Prerequisites: ECO 2013, ECO 2023 or permission of instructor. Analysis of public sector's role in the allocation of resources, redistribution of income, and taxation within an international context. Normally offered each fall term.

ECO 4723 - The International Monetary System
Prerequisite: ECO 3203. Analysis of the macroeconomic aspects of international trade and investment, foreign exchange markets, exchange rate determination, and the international implications of macroeconomic policies. Normally offered each spring term.

ECO 4905 - Directed Individual Study
Prerequisite: Permission of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a total of 6 credits.

ECO 4933 - Special Topics in Economics
Prerequisite: Permission of instructor. Study of special topics not offered in other departmental courses. May be repeated with change in content up to a maximum of 9 credits.

ECO 4956 - Study Abroad in Economics
Prerequisite: Permission of the instructor. Students will study a country's business practices, with a particular emphasis on economics. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

ECP 1005 - Survey of Economic Issues
This course provides a general framework for understanding economic behavior. Students will apply basic economic concepts to the analysis of current social and economic issues. Students will develop an economic intuition and understanding of issues such as healthcare, crime, pollution, and professional sports.

ECP 2140 - CD - Race and Gender in the American Economy
This course examines race and gender issues from an economic perspective. It examines the source of economic inequality from the perspective of three schools of thought — conservative, liberal, and radical. The implications of racial and gender inequality in the areas of education, employment, household production, health care and the decline of America's cities will be discussed. The course is designated a Cultural Diversity course. Normally offered each spring term.

ECP 3007 - Economics for Engineers
The course provides an introduction to the basic tools necessary for business decision-making and project evaluation. The course covers the determination of prices and costs, the time value of money, cash flow and present worth analysis, rates of return, the effects of inflation, depreciation, and tax effects, breakeven and benefit-cost analysis.

ECP 3203 - Labor Economics
Prerequisite: ECO 2013, ECO 2023 or permission of instructor. Introduction to modern labor economics. Functioning of labor markets, role of labor organizations, labor legislation, and current labor problems. Normally offered each spring term.

ECP 3403 - Economics of Industrial Organizations

ECP 3451 - Law, Economics, and Public Policy
This interdisciplinary course deals with the interaction among the areas of law, economics, and public policy. It focuses on the economic effects and content of legal rules and should be of interest to students in business, economics, political science, and international studies.

ECP 3703 - Managerial Economics
Prerequisite: ECO 2023. Corequisite: ECO 3411 or ECO 3421 or QMB 4600. This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment. It is normally offered each term.

ECP 4413 - Government and Business

ECS 3013 - Economic Development
Prerequisite: ECO 2013, ECO 2023 or permission of instructor. Introduction to theories and problems of economic development. Survey of development problems in both advanced and emerging economies. Selected case studies.

ECS 3303 - Current Issues in the Economics of the European Union
Prerequisite: ECO 2013 or ECO 2023 or consent of the instructor. Analysis of the development of the European Union (EU) from its post-WWII inception to the present. The evolution of EU economic, political, and social institutions will be described and analyzed, as will the most pressing current issues confronting the EU.

ECS 3403 - Current Issues in the Economy of Latin America
Prerequisite: ECO 2013 or ECO 2023 or consent of the instructor. Examination of the current status of the major Latin American economies, including Argentina, Brazil, Chile, and Mexico. The course covers economic development, exchange rates, foreign debt, the status of the region's various trade agreements, and the integration of these economies into the world trading system.
Finance
FIN 3140 - Personal Finance 3
Survey of the problems and techniques of personal financial planning. Includes consumer credit, insurance, taxes, home ownership, personal investment, managing cash income, controlling expenditures, and estate planning. This course may not be taken for credit by students majoring in financial services or finance.

FIN 3233 - Money and Banking 3
Prerequisites: ACG 2071, STA 2023 with “C” or better. Corequisite: FIN 3403 or if taken previously must have a “C” or better. This course examines the structure and operations of our monetary system, commercial banking, central banking, money and capital markets, and provides an introduction to monetary theory and policy. Effective January 2004 additional prerequisite of ECO 2013.

FIN 3324 - Banking 3
Prerequisite: FIN 3233 with “C” or better. Organization and administration of commercial banks within the economic environment. Topics covered include: Federal Reserve System and its impact on banking; sources and uses of bank funds; bond portfolio management; loan portfolio management; capital management; and trust services. Usually offered in the fall only. Course will be discontinued January 2004.

FIN 3403 - Financial Management 3
Prerequisites: ACG 2071, STA 2023 with “C” or better. Management techniques for and considerations in determining short-term, intermediate-term, and long-term financial needs. Sources of funds available to management and the relevant financial instruments will be examined. Effective January 2004 additional prerequisite of ECO 2023.

FIN 4126 - Seminar in Financial Planning 3
Prerequisites: FIN 4504 and REE 4043. This course is designed to study current issues in financial planning in case analysis and discussions. Usually offered in the spring only.

FIN 4134 - Estate Planning 3
Prerequisite: TAX 3721. Fundamentals of estate planning, social and family implications of federal/state taxation of transfers of wealth by gift or at death. Study of trusts, guardianships and post mortem planning. How planning is affected by business assets, employee benefits, and insurance will also be studied. Offered only in spring term.

FIN 4414 - Financial Management II 3
Prerequisite: FIN 3403 with “C” or better. Examination of advanced topics in financial management of the profit-making firm, including determination of funds, cost of capital, and capital-structure planning. Case discussion is used in addition to readings and problems.

FIN 4461 - Financial Statement Analysis 3
Prerequisite: FIN 3403. This course is an in-depth analysis of financial statements, and of the bases which underlie their preparation. It presents a thorough understanding of the process of income determination and of asset and liability measurement, as well as the distortions to which these may be subject.

FIN 4504 - Investments 3
Prerequisite: FIN 3403 with “C” or better. Principles and practices of investments; factors influencing security values.

FIN 4514 - Securities Analysis and Portfolio Management 3
Prerequisite: FIN 4504. Examination of the theoretical framework, analytical tools, and decision-making skills required for analysis and selection of investments. Portfolio selection, management, and performance evaluation are also considered.

FIN 4604 - International Finance 3
Prerequisite: FIN 3403. A comprehensive survey of international finance. Provides a basic understanding of the forces that affect the relative values of currencies, the financial problems associated with international capital markets, and international institutions. Case studies will be used to illustrate specific situations.

FIN 4904 - Special Work in Finance v. 1 - 3
Selected problem or project of interest in the student’s major. May be repeated with change of content up to a maximum of 6 credits.

FIN 4931 - Special Topics in Finance v. 1 - 3
Prerequisites: FIN 3403 and permission of advisor and department chair. Study of special topics not offered in other departmental courses. May be repeated with change of content up to a maximum of 6 credits.

FIN 4941 - Finance Internship v. 1 - 3
Prerequisite: FIN 3403. Significant finance work experiences with a cooperating business, governmental or civic organization. Credit depends upon length of internship. Prior approval of advisor and department chair is required. Grading is on a pass/fail basis.

FIN 4955 - Study Abroad in Finance v. 1 - 9
Prerequisite: Permission of the instructor. Students will study a country’s business practices, with a particular emphasis on finance. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Geography
GEO 2000 - Geography for Teachers 3
This course has been designed specifically for social studies teachers and teachers of grades K-12. It has used the 1997 Florida Department of Education ‘Changes to Academic Standards for Public Schools’ as a guide for the development of materials emphasizing the competencies and skills required for teacher certification in the state. The objectives of this course are to provide the teacher with an understanding of the relationships that have developed between humans and the earth. This course cannot be taken by any Coggin College of Business majors or by Economics Majors in Arts and Sciences.

GEO 2200 - Physical Geography 3
The study of factors responsible for the development and distribution of landforms, climates, soils and water resources. Normally offered spring term of even-numbered years.

GEO 2420 - CD - Cultural Geography 3
The analysis as they occur throughout the world. The major focus is on how diverse cultures organize themselves spatially to form diverse geographic areas. This course is designated a Cultural Diversity course. Normally offered each term.

GEO 3151 - Introduction to Geographic Information Systems 3
This course is designed to give students an introduction to the basic concepts, theory, and methods of Geographic Information Systems (GIS). Concepts and theory will be supplemented by hands-on experience with GIS software.
GEO 3370 - Conservation of Natural Resources
Examination of the endowment, use and conservation of natural resources in the modern world. Emphasis on problems and practices in the south. Course designed to satisfy resource certification for social studies teachers. Offered only during some summer terms.

GEO 3502 - Economic Geography
Prerequisite: Principles of Economics or permission of instructor. Comparative analysis of major activities, emphasizing the distributional patterns, and the socioeconomic factors influencing the spatial orientation of economic activities. Normally offered each spring term.

GEO 3553 - Cultural Dimensions of Economic Geography
This course explores the cultural aspects associated with economic geography. It concentrates on the socio-economic consequences of changing economic structures in the development process. Normally offered each fall term.

GEO 4152 - Intermediate Geographic Information Systems
Prerequisite: GEO 3151. This course expands on the concepts, techniques, and theories introduced in GEO 3151. Students will learn advanced techniques of spatial data creation and advanced methods of spatial analysis.

GEO 4905 - Directed Individual Study
Prerequisite: Permission of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a total of six credits.

GEO 4930 - Special Topics in Geography
Prerequisite: Permission of instructor. Study of special topics not offered in other geography courses. May be repeated with change in content up to a maximum of six credits.

Insurance
RMI 3011 - Risk Management and Insurance
An understanding of the importance of risk in the business firm and the family unit; principles underlying the selection of the means of handling economic risk; analysis of insurance as one of the techniques of risk management. Usually offered in the spring only.

RMI 4135 - Employee Benefit Plans
Prerequisite: MAN 3025. Study of the group and social insurance that provide death, disability, and retirement benefits. Analysis of contractual arrangements, benefit formulas, financing, underwriting.

Management
GEB 1011 - Foundations of Business
A basic overview of the functional areas of business providing a general framework for understanding the development, structure, and social responsibility of business as it applies to the American and international economies. Emphasis is placed on the interaction of management, marketing, transportation, finance, accounting and insurance within the business environment.

GEB 2930 AA - Study Abroad in Business
Prerequisite: Permission of the instructor. Students will study a country’s business practices. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

GEB 3361 - International Business Internship
Field practice at designated business or government agencies significantly involved in international business operations, research or marketing. Grading is on a pass/fail basis.

GEB 3949 - Experiential Studies in Business
Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may receive repeat credit for this course.

GEB 4910 - G(3) Honors Research in Business Administration
Prerequisite: Acceptance to the Honors in the Major track in business administration. Allows students to perform research in an area of interest. Repeatable up to six hours.

GEB 4941 - Foundations of International Business
A discussion of the process of international business to include economics, cultural, financial, and legal factors that together with governmental assistance allow multinationals of various nations to conduct trade activities across national boundaries.

GEB 4956 - Study Abroad in Business
Prerequisite: Permission of the instructor. Students will study a country’s business practices, with a particular emphasis on business. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

ISM 4011 - Introduction to Management Information Systems
Prerequisites: MAN 3025 and CGS 1100. Fundamentals of Management Information Systems with emphasis on the relationships of MIS and data processing to decision-making in modern organizations.

MAN 2652 - Introduction to Global Business
The course provides an overview of the environment under which global business operates. Emphasis is placed on developing an understanding of the key issues involving, and the key environmental factors impacting, global business management and operations.

MAN 2905 - Special Topics in Management
Prerequisite: Permission of instructor. Study of special topics not offered in other courses in the department. May be repeated up to 3 credits with a change in content.

MAN 3025 - Administrative Management
Recommended prerequisite: SOP 3004. Fundamentals of management which permeate organizations. Includes introductory studies of administrative structure, organizational environment, and managerial functions and processes.

MAN 3504 - Production/Operations and Logistics Management
Prerequisite: STA 2023. Administrative control and problems of functional systems.

MAN 4064 - Organizational Ethics: A Global Perspective
Prerequisite: MAN 3025 or permission of instructor. This course provides a thorough grounding in the principles of ethics as applied to the business firm and other organizations, the economic system of the United States and international business. It presents a summary of the field of ethics as well as an in-depth consideration of the ethics of global economic activity.
MAN 4201 - Organization Theory
Prerequisite: MAN 3025. Study of the design principles used in structuring organizations. Reviews the major schools of thought and investigates applications of organizational principles to a wide variety of organizations.

MAN 4240 - Organizational Behavior
Prerequisite: MAN 3025. The study of behavior of individuals and small groups in a formal organization. Emphasis will be placed on the application of theory and research to the business environment.

MAN 4301 - Human Resource Management
Prerequisite: MAN 3025. A study of personnel functions, including recruiting, selecting, promoting, training, and motivating workers.

MAN 4322 - Introduction to Human Resource Management Systems
Prerequisites: MAN 4301 and CGS 1100. Stresses the need to manage human resource management (HRM) information. Includes development and implementation of HRM information applications, quality assurance and the organization and management of the HRM function. Emphasis on application of commercial software packages used in industry and government.

MAN 4335 - Employee Benefits
Prerequisite: MAN 3025. An in-depth study of both wage and non-wage related benefits made available to employees by the firm and various related social and governmental programs.

MAN 4401 - Labor Relations
Prerequisite: MAN 3025. An analysis of managerial functions associated with managing employees who work under a collectively bargained labor agreement.

MAN 4441 - Negotiations
Prerequisite: MAN 3025. Broad based examination of negotiation includes theory based on studies of collective bargaining between labor and management. Emphasis is placed on experiential exercises and on improving interpersonal skills. Active participation in the learning process is expected.

MAN 4579 - Seminar in Purchasing and Materials Management
Prerequisites: MAR 4461, 3 SCH’s of PMM electives. Advanced concepts in purchasing and materials management with emphasis on recent research and current practices. This course is cross listed as TRA 4139.

MAN 4600 - Management of International Business
Prerequisite: MAN 3025 or permission of instructor. An intensive analysis of the process, practice, and theory of international business; financial accounting, marketing, and legal aspects of multinational business operations; governmental assistance to international business; cultural environment of international business to include factors such as language, religion, values and attitudes, law, education, politics, technology, and social organization.

MAN 4654 - Comparative Business Practices: European Union and the U.S.
Prerequisites: MAN 3025 and senior standing or permission of instructor. This course studies the similarities/differences in business management practices in the countries of the European Union and the United States. Universality of management practices is a central issue. Regional and country subtopics include: business environment, culture, organization, structure, etiquette, language, leadership, attitudes. Special attention is given to EU and NAFTA influences.

MAN 4701 - Business and Society
Prerequisite: MAN 3025. Examines the relationship between business firms and other elements of society such as the individual in the organization, the community, ecology, the consumer, and government.

MAN 4720 - Strategic Management and Business Policy
Prerequisite: MAR 3023 or equivalent, FIN 3403 or equivalent, and MAN 3025 or equivalent and at least a 2.0 GPA. An analysis of how functions such as sales, finance, procurement, distribution and personnel are correlated to form an integrated business policy and how corporate strategy is formulated, implemented and evaluated. This course is taken in a student’s final term at UNF.

MAN 4802 - Entrepreneurship
Prerequisite: MAN 3025 or permission of instructor. How and why people start their own business, the special skills and personal qualities of successful entrepreneurs, phases of new business development, the idea phase, putting resources together, how you know when a business is viable. Practically oriented and based on cases, historical accounts, and behavioral research.

MAN 4905 - Directed Individual Study in Management v. 1 - 3
Prerequisite: Permission of instructor. Allows students to investigate special topics in management. Particularly topics of local or regional interest. May be repeated with change of content up to a maximum of six credits.

MAN 4930 - Special Topics in Management v. 1 - 3
Prerequisite: Permission of instructor. Study of special topics not offered in other courses in the department. May be repeated with change of content up to a maximum of nine credits.

MAN 4940 - Human Resource Management Internship v. 1 - 3
Prerequisites: MAN 3025, MAN 4301 and prior approval of department chair, associate dean and internship coordinator. The internship is designed to provide the student with significant experience in human resource management with a cooperating business or governmental organization. This course is offered on pass/fail basis.

MAN 4952 - Study Abroad in Management v. 1 - 9
Prerequisite: Permission of the instructor. Students will study a country’s business practices, with a particular emphasis on management. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

QMB 4600 - Introduction to Management Science
Prerequisites: Introductory Statistics and MAC 2233. A study of selected mathematical and statistical models used to aid managerial decision making. Includes sections on decision theory, integer and linear programming, simple and multiple regression and correlation, analysis of variance, simulation and network models. Software package used for problem solution.

SLS 2301 - Career Development and Life Planning v. 1 - 3
Prerequisite: Sophomore standing. This course involves self assessment activities looking at the students’ interests, skills, values, capabilities and learning the necessary employability skills (i.e., resume writing, networking, interviewing techniques, your career and your future) to obtain and keep a job once a choice has been made. In addition, dual career couples, planning for your financial
future, and stress/time management are sessions presented in the special topics module of the course. The basic purpose of the course is to provide an opportunity for students to develop the necessary skills in all areas of career development.

**Marketing**

**MAR 2905 - Special Topics in Marketing**  
Prerequisite: Permission of instructor. Special topics not offered in other courses in the department. May be repeated up to 3 credits.

**MAR 3023 - Principles of Marketing**  
Prerequisites: ECO 2013 and ECO 2023; recommended prerequisite: SOP 3004. An introduction to the process of planning market programs for goods and services. Techniques of analyzing the market and its environment are introduced as background for making decisions in product planning, promotion, distribution and pricing.

**MAR 4156 - International Marketing**  
Prerequisite: MAR 3023. A study of the significance of international markets to multinational firms, with emphasis on the presentation of a conceptual framework for marketing within foreign countries.

**MAR 4206 - Marketing Channels: Strategy, Structure, and Management**  
Prerequisite: MAR 3023. This course investigates nature and role of marketing channels and intermediaries. It focuses upon the design of distribution systems consonant with chosen positioning strategies in order to effectively and efficiently move offerings from origination to points of consumption. It addresses the major normative questions pertaining to channel design and functioning, including consideration of integration strategies, channel member motivation, coordination, and control, and legal constraints on channel functioning. It addresses the impact of alternative organizational forms on channel performance.

**MAR 4231 - Retail Management**  
Prerequisite: MAR 3023. Marketing and management concepts which relate directly to the retail organization. Includes an analysis of pricing, buying, credit promotion, personnel and control.

**MAR 4323 - Advertising Management**  
Prerequisite: MAR 3023. Concerned with planning and managing programs for advertising products and services. Involves preparatory research; setting of objectives; planning of budget, media, and creative programs and evaluation of advertising effectiveness.

**MAR 4400 - Professional Selling**  
Prerequisite: MAR 3023. Focuses on the importance of communication, including nonverbal expression, as a means to successful negotiations. Course is skills oriented and emphasizes interactive, non-manipulative techniques. In addition to providing in-depth exposure to professional selling, the course assists students in making a professional career choice.

**MAR 4403 - Sales Management**  
Prerequisite: MAR 3023. The analysis and decisions involved in developing a business firm sales plan, providing organizational and leadership support for it, and evaluating performance to increase sales force productivity.

**MAR 4461 - Purchasing Management**  
Prerequisite: MAR 3023. Policies and procedures pertinent to the acquisition of goods and services by public and private organizations are covered in depth. The course includes coverage of the purchasing, administrative, organizational, and continuing education functions of the NAPM’s certified purchasing manager examination.

**MAR 4503 - Consumer Behavior**  
Prerequisite: MAR 3023. Recommended prerequisite: SOP 3004. An analysis of the behavioral factors affecting demand. Consideration is given to the purchasing behavior of the industrial buyer and the ultimate consumer.

**MAR 4613 - Marketing Research and Information**  
Prerequisites: MAR 3023 and elementary statistics. A study of research methods and information-gathering techniques which are applicable to problem solving in the field of marketing. Consideration is given to interpretation and use of information available.

**MAR 4663 - Marketing Models**  
Prerequisite: MAR 3023. The development of formal structures and the application of optimization techniques in the analysis of marketing data. Topics covered may include market segment analysis, sales forecasting, advertising impact projections, media mix determination, new product diffusion processes and brand loyalty models.

**MAR 4721 - E-Marketing**  
Prerequisite: MAR 3023. This course encompasses a study of marketing strategies and practices in the cyberspace including an examination of alternative business models, e-marketing strategies, customer characteristics, required marketing knowledge, and enabling technologies. The focus of this course is on the Internet as a medium for communication and a marketing channel. Students will be required to develop an e-marketing strategy and plan for an e-company and a company web site.

**MAR 4803 - Strategic Marketing**  
Prerequisites: MAR 3023, MAR 4503, MAR 4613, MAR 4156 and senior standing. The focus of this course is on decision making for marketing strategy formulation and implementation. The course employs an integrated, interdisciplinary approach using economic, behavioral, and quantitative concepts in analyzing and solving marketing problems. Course pedagogy includes case study and simulation gaming.

**MAR 4840 - Services Marketing**  
Prerequisite: MAR 3023. Examination of marketing in services industries with particular emphasis on unique aspects of services marketing, the services marketing mix and the implementation of services strategies.

**MAR 4906 - Special Topics in Marketing**  
Prerequisite: Permission of instructor. Special topics not offered in other courses in the department. May be repeated with change of content up to a maximum of nine credits.

**MAR 4913 - Directed Individual Study**  
Prerequisite: Permission of instructor. Allows students to investigate special topics in marketing, particularly topics of local or regional interest. May be repeated with change of content up to a maximum of six credits.

**MAR 4939 - Executive Seminar in Marketing and Supply Chain Management**  
Prerequisite: MAR 3023. This seminar consists of a series of weekly lectures by recognized authorities that address various dimensions of marketing and supply chain management. Lecturers are selected from both academic institutions and national and multinational businesses. Employment opportunities and career path planning are emphasized.
MAR 4941 - Internship in Marketing and Supply Chain Management v. 1 - 3
Prerequisite: MAR 3023 and junior standing. The internship provides the students with significant applied experience in marketing, supply chain management, transportation and/or logistics. The internship provides the student with the opportunity to apply their educational training to marketing and supply chain issues confronting cooperating firms. Grading is on a pass/fail basis.

MAR 4943 - International Marketing Internship v. 1 - 3
Prerequisite: MAR 4156. Significant international business work experience with a cooperating business organization, government, or multinational enterprise. Credit depends on topics and length of internship. Prior approval of coordinator of international business program, and advisor required. Grading is on a pass/fail basis.

MAR 4946 - Professional Selling Internship v. 1 - 3
Prerequisites: MAR 3023 and MAR 4400. The internship is designed to provide the student with significant experience in professional selling with a cooperating business organization. Prior approval of the department chair and internship coordinator is required. Grading is on a pass/fail basis.

MAR 4957 - Study Abroad in Marketing v. 1 - 9
Prerequisite: Permission of the instructor. Students will study a country’s business practices, with a particular emphasis on marketing. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Real Estate and Urban Analysis

REE 4043 - Real Estate Analysis 3
Prerequisite to all other courses in real estate and regional development. Decision-making process for development, financing, marketing, and management of real estate within the framework of our government, economic, legal, and social systems. Does meet course content requirements of Florida Real Estate Commission for obtaining a real estate license.

REE 4103 - Real Estate Appraisal 3
Prerequisite: REE 4043. Valuation and appraisal framework applied to residential and income-producing property. Emphasis on valuation theory and process as a tool for business decisions.

REE 4204 - Real Estate Finance 3
Prerequisite: REE 4043. Financial analysis and structuring of real estate projects, traditional and creative concepts and mechanisms for construction and permanent financing, portfolio problems, governmental programs, money and mortgage market analysis, computers and financial models.

REE 4303 - Real Estate Finance and Investments 3
Prerequisite: FIN 3403, REE 4043. Advanced concepts, principles and models of real estate finance and investment analysis. Emphasis on case analysis and policy information. Usually offered in the spring only.

REE 4900 - Directed Individual Study v. 1 - 3
Prerequisite: Permission of instructor. Investigation of selected problems and topics of current and permanent import in real estate and urban land economics. May be repeated with change of content up to a maximum of six credits.

Transportation and Logistics

TRA 3035 - Foundations of Transportation 3
Prerequisite: ECO 2023, ACG 2071, and MAN 3025. This course examines the development and the significance of transportation, economic characteristics of transportation modes, and the impact of regulation and deregulation. Includes case analysis and current transportation management theory and practice.

TRA 4139 - Seminar in Purchasing and Materials Management 3
Prerequisite: MAR 4461. Advanced concepts in purchasing and materials management with emphasis on recent research and current practices. This course is cross listed as MAN 4579.

TRA 4202 - Logistics Systems Management 3
Prerequisites: MAR 3023, TRA 3222. Design, operations and control of logistics systems for producing and servicing firms. Emphasis placed on customer service in the management of all activities involved in moving products, services and information from point of origin to point of use and as a means of achieving a sustainable competitive edge.

TRA 4210 - Logistics Subsystems Analysis 3
Prerequisite: TRA 3222. Components, functions and analysis of logistics subsystem.

TRA 4400 - Applied Carrier Management 3
Prerequisite: TRA 3035. Case studies and problems in carrier management and operations of local firms.

TRA 4703 - International Distribution 3
An analysis of principles and government policy pertaining to the international shipping and aviation industry. A close examination will be made of current problems of the shipping and ship-building businesses. Impact of government deregulation of aviation, and the trends in overseas aviation will be appraised. Course will be discontinued January 2004.

TRA 4910 - Directed Individual Study v. 1 - 3
Prerequisite: Permission of department chair. Study of special topics under faculty guidance. May be repeated with a change in content up to a maximum of six credits.

TRA 4935 - Special Topics in Logistics v. 1 - 3
Study of special topics not offered in other transportation courses. May be repeated with a change in content up to a maximum of 6 credits.

TRA 4945 - Logistics Internship 3
Prerequisites: MAR 3023 (C or better), TRA 3222 (C or better), and either TRA 4202 or TRA 3035 (each with a C or better), GPA of 2.75 or better, and prior approval of the Logistics Program Director. This internship is designed to provide the student with significant experience in transportation and logistics management. The internship provides the student with an opportunity to apply their educational background to logistical issues confronted by cooperating firms.

TRA 4956 - Study Abroad in Transportation and Logistics v.1-9
Prerequisite: Permission of the instructor. Students will study a country’s business practices, with a particular emphasis on transportation and logistics. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.
The College of Computing Sciences and Engineering prepares students for professional responsibilities and creative achievement in the fields of Computer Science, Information Systems, Information Science, Electrical, Mechanical, and Civil Engineering and Building Construction Management. Undergraduate degrees offered are the Bachelor of Science in Computer and Information Sciences, the Bachelor of Science in Electrical Engineering, the Bachelor of Science in Civil Engineering, the Bachelor of Science in Mechanical Engineering, and the Bachelor of Science in Building Construction.

Most of the College’s graduates either enter the growing computing, construction, engineering, and information systems job market or continue in advanced studies at UNF and other institutions of higher learning.

Coursework in the College is supported by both discipline-specific and general laboratories. In the Computing Sciences, classes use both general campus computing facilities and advanced CIS computing laboratories. The advanced CIS computing laboratories are configured specifically to support upper level and graduate instruction in multimedia, image processing/graphics, robotics, database, software development, and communications/networking, utilizing both Windows and UNIX operating systems environments. The Electrical, Mechanical, and Civil Engineering classes are also supported by specialized laboratories, which are equipped with advanced computers and engineering instrumentation. These specifically support instruction in circuits, electronics, communications, microprocessors, digital design, robotics, and controls/power. Civil Engineering labs include fluids/hydraulics, environmental, geotechnical and materials/structures. Mechanical Engineering labs include materials and senior design. The Building Construction program utilizes a computing laboratory and a construction materials lab.

All of the College’s computing systems are networked via file servers and are on the campus fiber-optic network. General campus computing equipment provided by the UNF Division of Computing Services includes DEC/Alpha central systems supporting both general student laboratory and campus computing needs. Students are provided with email and Internet access, which is fully accessible from laboratories or via dial-up connection from off campus. The specialized advanced computing and engineering laboratories housed within the College extend general campus computing services by adding advanced facilities supporting the range of research and instruction that characterizes the College’s degree programs.

The undergraduate computer science curriculum conforms to recommendations of the Association for Computing Machinery (ACM) and the Computer Society of the Institute of Electrical and Electronic Engineers (IEEE-CS). The computer science program is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET), 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: 410-347-7700. The curricula for the information science and information systems tracks conform to recommendations of the Association of Information Technology Professionals. The information systems program was recently reviewed by the CAC of the ABET. The undergraduate electrical engineering
program is accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET). The civil and mechanical engineering programs applied for accreditation by the EAC of the ABET. The undergraduate building construction management program is accredited by the American Council for Construction Education (ACCE).

Pre-Engineering The College of Computing Sciences and Engineering offers a pre-engineering program for undergraduate students interested in a career in engineering. This pre-professional program is designed to enable successful students to enroll in an engineering program of their choice, either at UNF, or within the State University System in Florida, or in other institutions. Components of the UNF pre-engineering program satisfy Florida general education requirements and the common state-wide course prerequisites for the student’s intended engineering discipline. Interested students should contact the Division of Engineering Office, (904) 620-1390, for more information and advising.

Double Majors and Simultaneous Degrees Double majors are not permitted within the College of Computing Sciences and Engineering.

Students desiring to obtain two baccalaureate degrees within the College of Computing Sciences and Engineering must meet the requirements for both degrees, earn a minimum of 150 semester hours, and have the approval of both departments within the college. The application for graduation must indicate both degrees.

Students desiring to obtain two baccalaureate degrees, one from the College of Computing Sciences and Engineering and one from another college, must meet the requirements for both degrees, earn a minimum of 150 semester hours, and have the approval of both colleges. The application for graduation must indicate both degrees.

Multiple Minors Undergraduate students pursuing a degree in the College of Computing Sciences and Engineering are permitted to pursue more than one Minor in their program of study. Official declaration of the Minor(s) is necessary to ensure the Minor(s) will be recorded on the program of study, and university transcripts. Students must meet with their academic advisor to discuss the Minor(s) selected. Students majoring in computer science, electrical engineering, civil engineering, mechanical engineering and building construction management are not required to select a Minor.

Department of Computer and Information Sciences

Judith L. Solano, Associate Professor and Chair
Yap S. Chua, Professor
Neal S. Coulter, Professor
Roger E. Eggen, Professor
Kenneth E. Martin, Professor
Robert F. Roggio, Professor
Charles N. Winton, Professor
Sanjay P. Ahuja, Associate Professor
William Klostermeyer, Associate Professor
Behrooz Seyed-Abbassi, Associate Professor
F. Layne Wallace, Associate Professor
Susan R. Wallace, Associate Professor
Sherif A. Elfayoumy, Assistant Professor
Ronnie G. King, Assistant Professor
Zornitza G. Prodanoff, Assistant Professor
Arturo J. Sanchez, Assistant Professor
Katharine C. Brown, Instructor and Advisor
Lisa A. Jamba-Joynner, Instructor and Advisor
Justin Gaudry, Instructor
Paul N. Higbee, Instructor
Ronald J. Zucker, Instructor

The Department of Computer and Information Sciences has primary responsibility for all computer-related instruction at UNF. For undergraduate students, the Department offers the Bachelor of Science degree in Computer and Information Sciences with three separate tracks:

Computer Science Track, specializing in systems and scientific software

Information Systems Track, emphasizing business application software with a business minor

Information Science Track, emphasizing business application software with a minor chosen from the UNF catalog.

Computer Science Track The Computer Science program at the University of North Florida is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET). Initial accreditation was extended in 1986.

This track is modeled according to the recommendations of the ACM (Association for Computing Machinery) and the IEEE-CS (Computer Society of the Institute for Electrical and Electronics Engineers). It emphasizes course work in computational structures, systems software, data structures, artificial intelligence, algorithms, data modeling, modeling and simulation, computer graphics, compilers, operating systems, interfacing, computer architecture, and other applications and theory.

Graduates will be prepared for careers in systems development and programming involving compiler, operating system and database design, modeling and simulation, artificial intelligence and knowledge engineering, computer graphics, computer architecture and interfacing, computer communications and scientific applications.
Information Systems Track This track follows the curriculum recommendations of the Association of Information Technology Professionals (AITP). The Information Systems Program was recently reviewed by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET). It has an interdisciplinary flavor in that a Business Administration sequence is an integral part of the track. Computer courses include systems analysis, systems implementation, computer communications, database processing, and other courses focused on implementation of computer solutions to business problems. Graduates will be prepared for careers as applications programmers, systems analysts, or information systems managers.

Information Science Track This track is identical in computer course work to the Information Systems track; however, the student may select a minor from an area other than Business Administration. Depending upon the choice of a minor, graduates will be prepared for careers as systems programmers, applications programmers, systems analysts or other specialized computer-related professionals.

Advisory Council for Computer and Information Sciences (ACCIS) This council is composed of approximately 25 persons from the business community who meet on a quarterly basis to advise the dean on current industry trends in the computing and information sciences.

Certified Technical Computer Training For your information, UNF Continuing Education offers certified technical computer training programs (courses in these programs cannot be taken for credit toward a CIS degree program). Call UNF Continuing Education at (904) 620-4242 for more information.

Student Organizations Faculty from the department sponsor student chapters of ACM, AITP and the Upsilon Pi Epsilon (UPE) Honor Society in the Computing Sciences. These organizations provide students with important professional contact groups in Jacksonville and throughout the national computing community.

Admission and Advisement In addition to program prerequisites, students seeking admission to the Department of Computer and Information Sciences must meet the general requirements of the University relative to semester hours in lower-division courses, grade point average, and general education distribution (see Academic Policies section of this catalog). Students should complete the Declaration of Major form during the term in which they complete 60 semester hours with at least a 2.0 GPA, including 36 hours of general education requirements; satisfaction of Gordon Rule writing and math requirements; and passing scores on CLAST.

When a student is admitted to the Department of Computer and Information Sciences, a department advisor will prepare a program of study outlining the program requirements. Students lacking any program prerequisites may be admitted provisionally until all prerequisites have been completed.

Students desiring to transfer upper-level course work to the Department of Computer and Information Sciences must have the work approved by an academic advisor. With approval, a maximum of ten credit hours of upper-level transfer course work may be used in the student’s program of study.

Students considering majoring in a CIS track are strongly encouraged to meet with a department advisor as early as possible. Initial orientation and information sessions are held monthly. Subsequent advising appointments for development and update of a personalized program of study are scheduled individually. Orientation and advising appointments are scheduled through the department office, John E. Mathews, Jr. Building, Room 3201, (904) 620-2985.

Once a student is admitted to UNF, the student may not complete course work at another institution for transfer to UNF without a department advisor’s approval and completion of a Concurrent Enrollment Form with proper authorizations prior to starting the transfer courses.

No more than 6 credit hours of directed independent study may be applied to the student’s program of study, with a maximum of 3 credit hours with the same CIS faculty member.

Satisfactory Progress Policy As of Spring 2002, the department enforces a “one repeat” rule for all prerequisite and core requirements taught by this department. Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt (i.e. earn a grade of D, F, W, WP or WF) have one chance to repeat the course. Students who do not successfully complete a prerequisite or core requirement within two attempts will not be permitted to register for CIS courses in future semesters. This policy applies to majors and minors in CIS.

Computer Science Track The Computer Science track requires a strong background in mathematics and science, including calculus and calculus-based physics. It is recommended for those interested in the more technically and scientifically oriented areas of computing.

Major: Computer & Information Sciences Track: Computer Science Degree: Bachelor Of Science

All course work must be completed with grade of C or better

<table>
<thead>
<tr>
<th>Prerequisites</th>
<th>(27 SEMESTER HOURS)</th>
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<tbody>
<tr>
<td>MAC 2311</td>
<td>4.0 G(M) Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>4.0 G(M) Calculus II</td>
</tr>
<tr>
<td>PHY 2048</td>
<td>4.0 Calculus Physics I</td>
</tr>
<tr>
<td>PHY 2048 L</td>
<td>1.0 Calc Physics I Lab</td>
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<tr>
<td>PHY 2049</td>
<td>4.0 Calculus Physics II</td>
</tr>
<tr>
<td>PHY 2049 L</td>
<td>1.0 Calc Physics II Lab</td>
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</tbody>
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212 College of Computing Sciences and Engineering
Select 2 science courses for science majors
The following courses, and courses with equivalent content, cannot be taken to satisfy the "science for science majors" requirement:
PCB 2050, BCH 3023C, CHM 1025C PHY 1020C, and PSC 3730.

Select two science courses with the pre-fixes listed below:
APB BOT BSC MCB OCB PCB ZOO BCH CHM CHS GLY AST PHY PHZ ISC PSC

Core Requirements (18 SEMESTER HOURS)
Foundation Courses
COT 3100 3.0 Comp Structures
COP 3530 4.0 Data Structures

Core Courses
COP 3601 4.0 Intro Sys Software
CDA 3101 4.0 Intro Comp Hardware
COT 3210 3.0 Computability/Automata

Major Requirements (14 SEMESTER HOURS)
COP 4534 4.0 Adv Data Structures
COP 4610 3.0 Operating Systems
COP 4620 4.0 Const Lang Translitr
CIS 4251 3.0 Software Development

Major Electives (12 SEMESTER HOURS)
Select 4 Courses
CAP 4630 3.0 Intro Artfcl Intllgn
CAP 4710 3.0 Computer Graphics
CEN 4510 3.0 Computer Communicatns
CEN 4516 3.0 Netwrks/Dstrbtd Prscn
CEN 4610 3.0 Knowledge Engineering
COP 4300 3.0 Discrete Sys Mod/Sim
COP 4710 3.0 Data Modeling
COT 4400 3.0 Analysis Algorithms
CDA 4102 3.0 Intro Cmptr Archictr
CDA 4102 L 1.0 Intro CmptrArchLab
CDA 4312 3.0 Micrproc Interfcng
CDA 4312 L 1.0 Micrproc Interfc Lab
CDA 4102 and CDA 4312 must be taken with corresponding lab.

Contextual Courses (08 SEMESTER HOURS)
An overall average of C or better is required for contextual coursework.
Mas 3105 4.0 G(M)Linear Algebra
STA 4321 4.0 G(M)Prob & Statistics

Electives (08 SEMESTER HOURS)
Select additional courses as necessary to attain 120 total hours and 54 upper (3000/4000) level hours. Required major courses will provide 52 upper level hours.
2 cr hours at 3000/4000 level.
6 Cr Hours At Any Level.
Exit requirements
Proficiency in 2 high-level languages
Spoken presentation before a group

Information Systems Track
The Information Systems track combines computer course work with a complementary selection of business courses. The Information Systems track is strongly recommended for those interested in business-oriented computer applications.

Major: Computer & Information Sciences
Track: Information Systems/Business Minor
Degree: Bachelor Of Science

All course work must be completed with grade of C or better
Prerequisites (27 SEMESTER HOURS)
Required
ACG 2021 3.0 Prin Financial Acc
ACG 2071 3.0 Prin Managerial Acc
ECO 2013 3.0 Princ Macroeconomics
ECO 2023 3.0 Princ Microeconomics
STA 2023 3.0 G(M)Elem Stats-Bus
MAC 2233 3.0 G(M)Calc For Bus
CGS 1570 3.0 Microcmptr App Softw
COP 2120 3.0 Intro COBOL Prgrmmng
COP 2551 3.0 Intro OO Programming
Or Introductory Programming in C, C++, Ada, Pascal or equivalent language. However, an object oriented language is preferred and will be used in subsequent courses.

Core Requirements (21 SEMESTER HOURS)
Foundation Courses
COT 3100 3.0 Comp Structures
COP 3531 4.0 File Structures
Core Courses
COP 3540 4.0 Data Struc Using OOP
CDA 3100 4.0 Arch Comptr Orgnzn
MEN 3040 3.0 Adminis Management
FIN 3403 3.0 Financial Management

Major Requirements (12 SEMESTER HOURS)
COP 4720 3.0 Database Systems
Major Electives (18 SEMESTER HOURS)
Select 4 Courses
- CAP 4020 3.0 Multimedia Systems
- CAP 4730 3.0 Graphic Sysms/Apppl
- CDA 3101 4.0 Intro Comp Hardware
- CDA 4011 3.0 Off Autom/Human Fact
- CEN 4516 3.0 Ntwrks/Dstrbtd Prcsn
- CIS 4100 3.0 Sysrm Prfrmnc/Evaltn
- CIS 4301 3.0 Interact Sys Develop
- CIS 4510 3.0 Expt Syst/Descn Supt
- COP 4640 3.0 Oper Syst Environmnts
- COP 4722 3.0 Database Systems II

Minor electives
Select 2 Courses:
- BUL 3130 3.0 Legal Environ Of Bus
- TRA 3222 3.0 Prod-Oper-Logist Man
- MAR 3023 3.0 Prin Of Marketing

Electives (09 SEMESTER HOURS)
Select additional courses as necessary to attain 120 total hours and 54 upper (3000/4000) level hours. Required major courses provide 51 upper hours.

3 Cr. hours At 3000/4000 Level. (3000 - 4000 LEVEL)
6 Cr. hours At Any Level.

* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
* The BS degree in computer and information sciences requires 120 total hours.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* Proficiency in 2 high-level computer languages is required for graduation.
* Once enrolled at UNF, any remaining prerequisites for the degree program must be completed at UNF.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
* **Beginning Spring 2002, a “one repeat” rule will be enforced. Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have one chance to repeat the course. Unsuccessful completion after two attempts will block registration for future CIS courses.

Information Science Track
In addition to the computing course work, the Information Science track requires studies in a minor area. A minor consists of a planned selection of courses supportive of the major. Minors are described in the UNF catalog under the appropriate college. Courses applied toward the major may not be counted in the minor. Students majoring in Information Science may minor in Computer Science.

This major incorporates the same computing courses as the Information Systems track and is only recommended for a student who has a strong interest in a secondary field other than business administration. It can also be used for a postbaccalaureate student seeking a second bachelors degree; a minor is not required for a second bachelors degree.
1. At least 14 hours of upper-level course work in the minor must be taken at UNF.

Conditions for the minor:

Minor: Computer Science Minor for Information Science majors.

A new minor has been created for Information Science majors desiring to enhance their major with additional courses in Computer Science. Students majoring in Information Science who intend to minor in Computer Science should contact the department to review the new minor.

Minor: Computer Science Minor

All course work in the student’s minor must be completed with a grade of “C” or better.

Minor Prerequisites

Required Courses
- MAC 2311 4.0 G(M) Calculus I
- COT 3100 3.0 Comp Structures
- COP 2220 3.0 Intro to C

Minor Requirements

Required Course
- COP 3530 4.0 Data Structures

Select one of the following two courses:
- COP 3601 4.0 Intro Sys Software
- CDA 3101 4.0 Intro Comp Hardware

Select 6 to 8 hours from:
- CAP 4630 3.0 Intro Artfcl Inllgn
- CAP 4710 3.0 Computer Graphics
- CEN 4510 3.0 Computer Communicatns
- CEN 4610 3.0 Knowledge Engineering
- CIS 4251 3.0 Software Development
- COP 4300 3.0 Discrete Sys Mod/Sim
- COP 4534 4.0 Adv Data Structures
- COP 4610 4.0 Operating Systems
- COP 4620 4.0 Const Lang Translitr
- COP 4710 3.0 Data Modeling
- COT 4400 3.0 Analysis Algorithms
- CDA 4102 3.0 Intro Cmptr Archtctr
- CDA 4102 L 1.0 Intro Cmptr Arch Lab
- CDA 4312 3.0 Mrcpcssrs Interfcng
- CDA 4312 L 1.0 Micrproc Interfc Lab

Conditions for the minor:

1. At least 14 hours of upper-level course work in the minor must be taken at UNF.

Minor: Information Science Minor

All course work in the student’s minor must be completed with a grade of “C” or better.

Minor Prerequisites

Required Courses
- CGS 1570 3.0 Microcmptr App Softw
- COT 3100 3.0 Comp Structures
- COP 2551 3.0 Intro OO Programming

Minor Requirements

Required Courses
- COP 2120 3.0 Intro COBOL Prgrmmng
- COP 3531 4.0 File Structures
- COP 3540 4.0 Data Struc Using OOP
- COP 4720 3.0 Database Systems

Select one course from the following list:
- CEN 4510 3.0 Computer Communicatns
- CDA 3100 4.0 Arch Cmptr Orgnzn

Conditions for the minor:

1. At least 14 hours of upper-level course work in the minor must be taken at UNF.

2. **Beginning Spring 2002, a “one repeat” rule will be enforced. Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

Civil Engineering Program

Division of Engineering

620-1390 or 620-2970

Joseph L. Campbell, Professor and Director of Engineering

Faris Malhas, Associate Professor
Nick Hudyma, Assistant Professor
N. Mike Jackson, Assistant Professor
John Wooolschlager, Assistant Professor
Richard Conte, Academic Advisor/Instructor

The Division of Engineering initiated a Bachelor of Science in Civil Engineering in the Fall of 2000. Students wishing to take courses in this program must be accepted (by an advisor sign-off) before enrolling in any civil engineering course.

Applications for the major should be made through the University Admissions Office in the Founders Hall, Building 2. Application should be made at least 2 months before the planned enrollment in any civil engineering program courses.

Engineering advising is offered through the division.

Civil engineers create new products or enhance existing products for societal use out of materials that exist in nature by using principles of science and creativity. The profession is broad and encompasses products valued by society in many technical areas including structures, transportation, geotechnics, and environment, using modern measurement technologies. Employment opportunities range over product
design, development, construction, sales, management, teaching, and research.

Employment opportunities in civil engineering are traditionally good, both in Jacksonville and elsewhere, in large and small companies and in government. The Engineering Division, through UNF’s Engineering Advisory Council, provides periodic information on area companies seeking engineering graduates or current engineering students for employment in co-op positions.

Students desiring to learn more about different engineering career opportunities, and the profession of engineering, are encouraged to take EGN 1002 Introduction to Engineering. Engineering students also are encouraged to participate in activities of the student chapters of the American Society of Civil Engineers (ASCE), Florida Engineering Society (FES), National Society of Black Engineers (NSBE), and the Society of Women Engineers (SWE).

**Accreditation** The Civil Engineering program commenced in fall 2000. In the fall 2002, the program was visited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) and is under review for accreditation.

**Vision** The Civil Engineering program in the Division of Engineering in the College of Computing Sciences and Engineering at the University of North Florida will be recognized as a fully-accredited academic program producing first-rate undergraduate students that are well-prepared to enter the workforce or pursue further educational degrees. Further, the program will be noted for its faculty who will be recognized by their colleagues and constituencies for their ability to involve students in their research and scholarly contributions to the discipline.

**Mission** Provide our undergraduate students with a first-rate educational experience and our community constituencies with the benefits from our excellence in teaching, research and scholarship, service, and outreach.

**Goals**

1. Instill in the students of the UNF Civil Engineering program the requisite knowledge and skills for entry into the engineering workforce as capable, ethical, productive professionals who, in the performance of their work, reflect credit on their profession and the institution from which they were graduated.

2. Obtain and maintain a staff of civil engineering faculty, administrators, and support personnel who exhibit the highest level of teaching capabilities, excellence in high quality program and course development, state-of-the-art research capabilities, and well-balanced service to the institution and the community, and who will develop facilities and equipment necessary to provide an educational experience at current technological levels.

3. Interact with the professional community outside the College and the University to ensure the efforts being made to prepare our civil engineering students for a future in the engineering profession are relevant, current, and appropriately balanced; to afford faculty members relevant, current research and service opportunities beneficial to our undergraduate students; and to provide administrators and support staff the visibility and advice needed to guide the program effectively.

**Program Educational Objectives** Maintain a civil engineering program that produces alumni who:

- have a strong understanding of the fundamentals,
- are able to analyze and synthesize engineering problems,
- possess excellent communications skills,
- know and uphold ethical standards of the field,
- have developed and practiced interpersonal (team) skills,
- know how to resolve open-ended design problems,
- are computer literate and Internet capable,
- have developed and practiced interdisciplinary skills,
- have taken and recorded results from the Fundamentals of Engineering and Graduate Records examinations,
- are capable of functioning in a rapidly changing and expanding technical and social environment,
- are cognizant of current engineering problems, and
- are prepared for a life of continual learning.

**Program Outcomes** Our Civil Engineering program will demonstrate that its graduates have:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as analyze and interpret data;
- an ability to design a system, component, or process to meet desired needs;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibility;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global and societal context;
- a recognition of the need for, and an ability to engage in, life-long learning;
- a knowledge of contemporary issues;
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
- proficiency in mathematics through differential equations, probability and statistics, calculus-based physics, and general chemistry;
- proficiency in a minimum of four (4) recognized major civil engineering areas;
- the ability to conduct laboratory experiments and to critically analyze and interpret data in more than one of the recognized major civil engineering areas;
- the ability to perform civil engineering design by means of design experiences integrated throughout the professional component of the curriculum;
- an understanding of professional practice issues such as: procurement of work; bidding versus quality based selection.
processes; how the design professionals and construction professions interact to construct a project; the importance of professional licensure and continuing education; and/or other professional practice issues.

**Admission** Prerequisites, listed below, must be taken prior to entering the civil engineering program. Admission is based primarily on a student’s overall GPA and GPA in the prerequisite calculus and physics courses. Grades of C or better (a 2.5 GPA is required in both the physics and calculus sequences) are required in all prerequisite courses. Once admitted, students must maintain at least a 2.0 GPA, and may not take a civil engineering course without having earned at least a C in all of its prerequisite course(s).

Students are encouraged to register for EGN 3311, Statics, as soon as satisfying its prerequisites.

**Major Requirements** The Civil Engineering program requires 126 credit hours as shown:

**Major: Civil Engineering**  
**Track: Civil Engineering**  
**Degree: Bachelor of Science**

* all courses must be completed with a “C” or higher.

**Prerequisites (50 SEMESTER HOURS)**  
All engineering programs have identical prerequisites.

**Mathematics**
- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II
- MAC 2313 4.0 G(M) Calculus III
- MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.
- MAP 2302 3.0 G(M)Ord Diff Equatns

**Sciences**
- CHM 2045 C 4.0 Gen Chemistry I
- CHS 1440 may be substituted for CHM 2045C
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 4.0 Calculus Physics II
- PHY 2049 L 1.0 Calc Physics II Lab

**Communications**
- ENC 1101 3.0 G(6)College Writing
- ENC 1102 3.0 G(6)Informed Writer

**Humanities**
Select 6 hrs of humanities
- ARH MUH HUM AMH EUH HIS LIT PHI REL THE

**Social Sciences**
Select 6 hrs of social sciences
- ANT ECO POS PSY SYG

Select an additional 3 hrs of social science or humanities

**Humanities Or Social Sciences**
- ARH MUH HUM AMH EUH HIS LIT PHI REL THE ANT ECO POS PSY SYG

**Foundation**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>STA 3032</td>
<td>3.0</td>
<td>Prob/Stat-Engineer</td>
</tr>
<tr>
<td>EML 3100</td>
<td>3.0</td>
<td>Thermodynamics I</td>
</tr>
<tr>
<td>ENC 3250</td>
<td>3.0</td>
<td>G(6) Prof Communic</td>
</tr>
<tr>
<td>ECP 3007</td>
<td>2.0</td>
<td>Econ For Engineers</td>
</tr>
<tr>
<td>EEL 3003</td>
<td>3.0</td>
<td>Intro To EE</td>
</tr>
<tr>
<td>EGN 3202</td>
<td>2.0</td>
<td>Computer Aided Engrg</td>
</tr>
<tr>
<td>COP 2220</td>
<td>3.0</td>
<td>Intro To C</td>
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**Core Requirements (19 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</tr>
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<tbody>
<tr>
<td>EGN 3311</td>
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<td>Statics</td>
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<tr>
<td>EGN 3321</td>
<td>3.0</td>
<td>Dynamics</td>
</tr>
<tr>
<td>CES 3104</td>
<td>3.0</td>
<td>Mechanics Of Matrls</td>
</tr>
<tr>
<td>CES 3100</td>
<td>3.0</td>
<td>Analys Of Structure</td>
</tr>
<tr>
<td>CWR 3201</td>
<td>3.0</td>
<td>Fluid Mechanics</td>
</tr>
<tr>
<td>EGN 4032</td>
<td>2.0</td>
<td>Engrg &amp; Prof Issues</td>
</tr>
<tr>
<td>CGN 3322</td>
<td>2.0</td>
<td>Surveying And Grp</td>
</tr>
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</table>

**Major Requirements (27 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 3001</td>
<td>3.0</td>
<td>Environ Engrg</td>
</tr>
<tr>
<td>ENV 3001 L</td>
<td>1.0</td>
<td>Environ Engrg Lab</td>
</tr>
<tr>
<td>TTE 4004</td>
<td>3.0</td>
<td>Transportation Engrg</td>
</tr>
<tr>
<td>CES 3605</td>
<td>3.0</td>
<td>Design Steel Structs</td>
</tr>
<tr>
<td>CEG 3011</td>
<td>3.0</td>
<td>Geotech Engrg</td>
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<tr>
<td>CEG 3011 L</td>
<td>1.0</td>
<td>Geotech Engrg Lab</td>
</tr>
<tr>
<td>CWR 4202</td>
<td>3.0</td>
<td>Hydraulics Engrg</td>
</tr>
<tr>
<td>CGN 3501 C</td>
<td>3.0</td>
<td>CE Materials</td>
</tr>
<tr>
<td>CES 4702</td>
<td>3.0</td>
<td>Desn Reinf Concrete</td>
</tr>
<tr>
<td>CGN 4803</td>
<td>1.0</td>
<td>Sr Capstone Design I</td>
</tr>
<tr>
<td>CGN 4804</td>
<td>3.0</td>
<td>Sr Capstone Design II</td>
</tr>
</tbody>
</table>

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

Select 6 hours from the courses listed below

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENV 4012</td>
<td>3.0</td>
<td>Adv Environ Engrg</td>
</tr>
<tr>
<td>CEG 3111</td>
<td>3.0</td>
<td>Foundation Engrg</td>
</tr>
<tr>
<td>CES 4101</td>
<td>3.0</td>
<td>Adv Structure Syst</td>
</tr>
<tr>
<td>TTE 4201</td>
<td>3.0</td>
<td>Adv Transport Engrg</td>
</tr>
<tr>
<td>CGN 4905</td>
<td>1-3</td>
<td>Directed Indiv Study</td>
</tr>
<tr>
<td>CGN 4931</td>
<td>1-3</td>
<td>Sr Civil Engrg</td>
</tr>
<tr>
<td>CGN 3930</td>
<td>1-3</td>
<td>Sr Civil Engrg</td>
</tr>
<tr>
<td>CGN 4949</td>
<td>1.0</td>
<td>Co-op Work Exp/CE</td>
</tr>
</tbody>
</table>

* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
* Students are strongly encouraged to take the fundamentals of engineering exam during their senior year.
Electrical Engineering Program

Division of Engineering

620-2970

Joseph L. Campbell, Professor and Director of Engineering

John Alexander, Distinguished Professor

Chiu H. Choi, Associate Professor

Tayeb A. Giuma, Associate Professor

Lisa Kore, Visiting Assistant Professor

Susan Vasana, Visiting Assistant Professor

Richard Conte, Academic Advisor/Instructor

The Department of Electrical Engineering offers a Bachelor of Science in Electrical Engineering with either computer design or system design options, and a minor in electrical engineering. Both major and minor programs require students to be accepted to these programs before enrolling in any electrical engineering (EEL) courses. Applications for the major should be made through the university admissions office in the Administration Building. Applications for the minor should be made in the departmental office, room 1117, Engineering Hall of the Social Sciences building. Application should be made at least 2 months before the planned enrollment in EEL courses. Engineering advising is offered through the department.

Employment opportunities in electrical engineering are traditionally good, both in Jacksonville and elsewhere, in large and small companies and in government. The Department of Electrical Engineering, through UNF’s Engineering Advisory Council, provides periodic information on area companies seeking electrical engineering graduates or current engineering students for employment in co-op positions.

Students desiring to learn more about different engineering career opportunities, and the profession of engineering, are encouraged to take EGN 1002 Introduction to Engineering. Engineering students also are encouraged to participate in activities of the student chapters of the Institute of Electrical and Electronic Engineers (IEEE), Florida Engineering Society (FES), National Society of Black Engineers (NSBE), and the Society of Women Engineers (SWE).

Accreditation The Electrical Engineering program at the University of North Florida is accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET).

Vision The Electrical Engineering program in the Division of Engineering in the College of Computing Sciences and Engineering at the University of North Florida will be recognized as a fully-accredited academic program producing first-rate undergraduate students that are well-prepared to enter the workforce or pursue further educational degrees. Further, the program will be noted for its faculty who will be recognized by their colleagues and constituencies for their ability to involve students in their research and scholarly contributions to the discipline.

Mission Provide our undergraduate students with a first-rate educational experience and our community constituencies with the benefits from our current excellence in teaching, research and scholarship, service, and outreach.

Goals

1. Instill in the students of the UNF Electrical Engineering program the requisite knowledge and skills for entry into the engineering work force as capable, ethical, productive professionals who, in the performance of their work, reflect credit on their profession and the institution from which they were graduated.

2. Obtain and maintain a staff of electrical engineering faculty, administrators, and support personnel who exhibit the highest level of teaching capabilities, excellence in high quality program and course development, state-of-the-art research capabilities, and well-balanced service to the institution and the community, and who will develop facilities and equipment necessary to provide an educational experience at current technological levels.

3. Interact with the professional community outside the College and the University to ensure the efforts being made to prepare our electrical engineering students for a future in the engineering profession are relevant, current, and appropriately balanced; to afford faculty members relevant, current research and service opportunities beneficial to our undergraduate students; and to provide administrators and support staff the visibility and advice needed to guide the program effectively.

Educational Objectives Maintain an electrical engineering program that produces students who:

- have a strong grounding in the fundamentals,
- are able to analyze and synthesize engineering problems,
- possess excellent communications skills,
- know and uphold ethical standards of the field,
- have developed and practiced interpersonal (team) skills,
- know how to resolve open-ended design problems,
- are computer literate and Internet capable,
- have developed and practiced interdisciplinary skills,
- have taken and recorded results from the Fundamentals of Engineering and Graduate Records examinations,
- are capable of functioning in a rapidly changing and expanding technical and social environment,
- are cognizant of current engineering problems, and
- are prepared for a life of continual learning.
Outcomes  Engineering programs must demonstrate that their graduates have:
• an ability to apply knowledge of mathematics, science, and engineering;
• an ability to design and conduct experiments, as well as analyze and interpret data;
• an ability to design a system, component, or process to meet desired needs;
• an ability to function on multi-disciplinary teams;
• an ability to identify, formulate, and solve engineering problems;
• an understanding of professional and ethical responsibilities;
• an ability to communicate effectively;
• the broad education necessary to understand the impact of engineering solutions in a global and societal context;
• a recognition of the need for, and ability to engage in, lifelong learning;
• a knowledge of contemporary issues;
• an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
• a knowledge of probability and statistics and their applications in electrical engineering;
• a knowledge of mathematics through differential and integral calculus, and basic engineering sciences necessary to analyze and design electrical and electronic circuits and systems; and
• a knowledge of advanced mathematics, typically including differential equations, linear algebra, complex variables, and discrete mathematics.

Admission  Prerequisites, listed below, must be taken prior to entering the electrical engineering major or minor program. Admission is based primarily on a student’s overall GPA and GPA in the prerequisite calculus and physics courses. Grades of C or better (a 2.5 GPA is required in both the physics and calculus sequences) are required in all prerequisite courses. Once admitted, students must maintain at least a 2.0 GPA, and may not take an EEL course without having earned a 2.5 GPA in the physics and calculus sequences and at least a C in all of its other prerequisite course(s).

Students are encouraged to register for EEL 3111, Electric Circuits, as soon as satisfying its prerequisites.

Major Requirements  The Electrical Engineering major requires 126 credit hours as shown:

Major: Electrical Engineering  
Track: Engineering (Computer Design)  
Degree: BS In Electrical Engineering  

* all courses must be completed with a “C” or higher.

Prerequisites  (50 SEMESTER HOURS)  
All engineering courses have identical prerequisites.

Mathematics
MAC 2311  4.0 G(M) Calculus I
MAC 2312  4.0 G(M) Calculus II
MAC 2313  4.0 G(M) Calculus III

MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.

MAP 2302  3.0 G(M)Ord Diff Equatns

Sciences
CHM 2045 C  4.0 Gen Chemistry I
CHS 1440 may be substituted for CHM 2045C
PHY 2048  4.0 Calculus Physics I
PHY 2048 L  1.0 Calc Physics I Lab
PHY 2049  4.0 Calculus Physics II
PHY 2049 L  1.0 Calc Physics II Lab

Communications
ENC 1101  3.0 G(6)College Writing
ENC 1102  3.0 G(6)Informed Writer

Humanities
Select 6 hrs of humanities
ARH MUH AMH EUH HIS LIT PHI REL THE

Social Sciences
Select 6 hrs of social sciences
ANT ECO POS PSY SYG

Select an additional 3 hrs of social science or humanities
Humanities Or Social Sciences
ARH MUH AMH EUH HIS LIT PHI REL THE ANT ECO POS PSY SYG

Foundation  (13 semester hours)
STA 3032  3.0 Prob/Stat-Engineer
EGM 3420  4.0 Engineering Mechncs
ENC 3250  3.0 G(6) Prof Communic
COP 2220  3.0 Intro To C

Non-technical Electives  (03 SEMESTER HOURS)
Select one 3xxx-4xxx level humanities or social science course.
See advisor for list of approved courses.

Core Requirements  (33 SEMESTER HOURS)
EEL 3111  3.0 Basic Circuit Theory
EEL 3112  3.0 Elec Network Theory
EEL 3135  3.0 Signals And Systems
EEL 3303 L  1.0 Elec Circuits Lab
EEL 3304  3.0 Elec Circuits I
EEL 3701 C  4.0 Intr Digital Systems
EEL 4309 C  4.0 Electronic Circuit 2
EEL 4657  3.0 Linear Control Syste
EEL 4657 L  1.0 Linear Controls Lab
EEL 4744 C  4.0 Microprocessor Appli
EEL 4914  1.0 Elec Engr Design I
EEL 4915  3.0 Elec Engr Design 2

Major Requirements  (15 SEMESTER HOURS)  
Computer Design Speciality  
EEL 4712 C  4.0 Digital Design
EEL 4713  3.0 Digital Compr Archi
EEL 4713 L  1.0 Digit Comp Arch Lab
MAD 3107  3.0 G(M)Discrete Math
COP 3530  4.0 Data Structures

Technical Electives  (07 SEMESTER HOURS)  
Select 7 Hrs Of Electives
See courses listed by the department
Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
*A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
*An approved dual/concurrent enrollment form is required prior to registering for courses at another institution
*Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
*Students are strongly encouraged to take the fundamentals of engineering exam during their senior year.

Major: Electrical Engineering
Track: Engineering (System Design)
Degree: BS In Electrical Engineering

* all courses must be completed with a “C” or higher.

Prerequisites (50 SEMESTER HOURS)
All engineering courses have identical prerequisites.

Mathematics
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II
MAC 2313 4.0 G(M) Calculus III
MAC 2281, MAC 2282, and MAC 2283 may be substituted for
MAC 2311, MAC 2312, and MAC 2313.
MAP 2302 3.0 G(M)Ord Diff Equatns

Sciences
CHM 2045 C 4.0 Gen Chemistry I
CHS 1440 may be substituted for CHM 2045C
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab
PHY 2049 4.0 Calculus Physics II
PHY 2049 L 1.0 Calc Physics II Lab

Communications
ENC 1101 3.0 G(6)College Writing
ENC 1102 3.0 G(6)Informed Writer

Humanities
Select 6 hrs of humanities
ARH MUH HUM AMH EUH HIS LIT PHI REL THE

Social Sciences
Select 6 hrs of social sciences.
ANT ECO GEO POS PSY SYG

Humanities Or Social Sciences
Select another 3 hrs of humanities or social sciences
ARH MUH HUM AMH EUH HIS LIT PHI REL THE ANT ECO POS PSY SYG

Foundation (15 semester hours)
STA 3032 3.0 Prob/Stat-Engineer
ENC 3250 3.0 G(6) Prof Communic
EGN 3311 3.0 Statics
EGN 3321 3.0 Dynamics
COP 2220 3.0 Intro To C

Core Requirements (36 SEMESTER HOURS)
EEL 3111 3.0 Basic Circuit Theory
EEL 3112 3.0 Elec Network Theory
EEL 3135 3.0 Signals And Systems
EEL 3303 L 1.0 Elec Circuits Lab
EEL 3304 3.0 Elec Circuits I
EEL 3472 3.0 Electromag Flds Appl
EEL 3701 C 4.0 Intr Digital Systems

EEL 4309 C 4.0 Electronic Circuit 2
EEL 4657 3.0 Linear Control Syste
EEL 4657 L 1.0 Linear Controls Lab
EEL 4744 C 4.0 Microprocessor Appli
EEL 4914 1.0 Elec Engr Design I
EEL 4915 3.0 Elec Engr Design 2

Major Requirements (09 SEMESTER HOURS)
Select 3 courses
System Design Speciality
EEL 3211 3.0 Basic Elec Engry Eng
EEL 4310 3.0 Digit Integrated Cir
EEL 4514 3.0 Digital/Analog Comm
EEL 4610 3.0 Modern Control Sys

Technical Electives (3000 - 4000 LEVEL) (13 SEMESTER HOURS)
Select 13 Hrs Of Electives
See courses listed by the department

*Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
*An approved dual/concurrent enrollment form is required prior to registering for courses at another institution
*Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
*Students are strongly encouraged to take the fundamentals of engineering exam during their senior year.

Minor Requirements
The courses listed below are required for the minor in electrical engineering. Potential students should note that prerequisites to all listed courses must be met, as well.

Minor: Electrical Engineering Minor
All course work must be completed with a grade of “C” or better.

Minor Prerequisites (32 SEMESTER HOURS)
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II
MAC 2313 4.0 G(M) Calculus III
MAP 2302 3.0 G(M)Ord Diff Equatns
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab
PHY 2049 4.0 Calculus Physics II
PHY 2049 L 1.0 Calc Physics II Lab
Select One
COP 2200 3.0 Intro Fortran Prgmng
COP 2220 3.0 Intro To C
Select One
CDA 3101 4.0 Intro Comp Hardware
EEL 3701 C 4.0 Intr Digital Systems

Minor Requirements (17 SEMESTER HOURS)
Required Courses
EEL 3111 3.0 Basic Circuit Theory
EEL 3112 3.0 Elec Network Theory
EEL 3303 L 1.0 Elec Circuits Lab
EEL 3304 3.0 Elec Circuits I
EEL 4744 C 4.0 Microprocessor Appli
Select One
EEL 3135 3.0 Signals And Systems
EEL 4309 C 4.0 Electronic Circuit 2
Mechanical Engineering Program
Division of Engineering
620-1390 or 620-2970
Joseph L. Campbell, Professor and Director of Engineering
Daniel Cox, Associate Professor
Ajayi Adewale, Assistant Professor
James Fletcher, Assistant Professor
Richard Conte, Academic Advisor/Instructor

The Division of Engineering initiated a program leading to a Bachelor of Science in Mechanical Engineering in the Fall of 2001. Students wishing to take courses in this program must be accepted (by an advisor sign off) before enrolling in any mechanical engineering course. Applications for the major should be made through the University Admissions Office in the Founders Hall, Building 2. Application should be made at least 2 months before the planned enrollment in any mechanical engineering program courses. Engineering advising is offered through the division.

Mechanical engineering is concerned with energy and its transformations and the design of objects and structures that move. Mechanical engineers are responsible for conceiving, designing, manufacturing, testing, and marketing devices and systems that alter, transfer, transform and utilize the energy form that ultimately causes motion.

Employment opportunities in mechanical engineering are traditionally good, both in Jacksonville and elsewhere, in large and small companies. The Division of Engineering, through UNF’s Engineering Advisory Council, provides periodic information on area companies seeking engineering graduates, or current engineering students for employment in co-op positions.

Students desiring to learn more about different engineering career opportunities, and the profession of engineering, are encouraged to take EGN 1002 Introduction to Engineering. Engineering students also are encouraged to participate in activities of the student chapters of the Florida Engineering Society (FES), National Society of Black Engineers (NSBE), and the Society of Women Engineers (SWE).

Accreditation The Mechanical Engineering program commenced in fall 2001 and will qualify for accreditation consideration by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET) as soon as at least one graduate is produced.

Vision The Mechanical Engineering program in the Division of Engineering in the College of Computing Sciences and Engineering at the University of North Florida will be recognized as a fully-accredited academic program producing first-rate undergraduate students that are well prepared to enter the workforce or pursue further educational degrees. Further, the program will be noted for its faculty who will be recognized by their colleagues and constituencies for their ability to involve students in their research and scholarly contributions to the discipline.

Mission Provide our undergraduate students with a first-rate educational experience and our community constituencies with the benefits from our excellence in teaching, research and scholarship, service, and outreach.

Goals
1. Instill in the students of the UNF Mechanical Engineering program the requisite knowledge and skills for entry into the engineering workforce as capable, ethical, productive professionals who, in the performance of their work, reflect credit on their profession and the institution from which they were graduated.

2. Obtain and maintain a staff of mechanical engineering faculty, administrators, and support personnel who exhibit the highest level of teaching capabilities, excellence in high-quality program and course development, state-of-the-art research capabilities, and well-balanced service to the institution and the community, and who will develop facilities and equipment necessary to provide an educational experience at current technological levels.

3. Interact with the professional community outside the College and the University to ensure the efforts being made to prepare our mechanical engineering students for a future in the engineering profession are relevant, current, and appropriately balanced; to afford faculty members relevant, current research and service opportunities beneficial to our undergraduate students; and to provide administrators and support staff the visibility and advice needed to guide the program effectively.

Educational Objectives Maintain a mechanical engineering program that produces students who:
• have a strong understanding of the fundamentals,
• are able to analyze and synthesize engineering problems,
• possess excellent communications skills,
• know and uphold ethical standards of the field,
• have developed and practiced interpersonal and team skills,
• know how to resolve open-ended design problems,
• are computer literate and Internet capable,
• have developed and practiced interdisciplinary skills,
• have taken and recorded results from the Fundamentals of Engineering and Graduate Records examinations,
• are capable of functioning in a rapidly changing and expanding technical and social environment,
• are cognizant of current engineering problems, and
• are prepared for a life of continual learning.

Outcomes Our Mechanical Engineering program will demonstrate that its graduates have:
• an ability to apply knowledge of mathematics, science, and engineering;
• an ability to design and conduct experiments, as well as analyze and interpret data;
• an ability to design a system, component, or process to meet desired needs;
• an ability to function on multi-disciplinary teams;
• an ability to identify, formulate, and solve engineering problems;
• an understanding of professional and ethical responsibilities;
• an ability to communicate effectively;
• the broad education necessary to understand the impact of engineering solutions in a global and societal context;
• a recognition of the need for, and ability to engage in, life-long learning;
• a knowledge of contemporary issues;
• an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
• a knowledge of chemistry and calculus-based physics with depth in at least one; the ability to apply advanced mathematics through multivariate calculus and differential equations; familiarity with statistics and linear algebra;
• the ability to work professionally in both thermal and mechanical systems areas including the design and realization of such systems;
• been taught by faculty who are maintaining currency in their specialty area.

Admission
Prerequisites, listed below, must be taken prior to entering the mechanical engineering program. Admission is based primarily on a student’s overall GPA and GPA in the prerequisite calculus and physics courses. Grades of C or better are required in all prerequisite courses; a 2.5 GPA is required in both the physics and calculus sequences. Students are encouraged to register for EGN 3311, Statics, as soon as satisfying its prerequisites. Once admitted, students must maintain at least a 2.0 GPA, and may not take a mechanical engineering course without having earned at least a C in all of its prerequisite courses.

Major Requirements
The Mechanical Engineering program requires 126 credit hours as shown:

Major: Mechanical Engineering
Track: Mechanical Engineering
Degree: Bachelor of Science

Major Requirements (50 SEMESTER HOURS)

Mathematics
MAC 2311 4.0 G(M) Calculus I
MAC 2312 4.0 G(M) Calculus II
MAC 2313 4.0 G(M) Calculus III
MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.
MAP 2302 3.0 G(M)Ord Diff Equatns

Science
CHM 2045 C 4.0 Gen Chemistry I
CHS 1440 may be substituted for CHM 2045C
PHY 2048 4.0 Calculus Physics I
PHY 2048 L 1.0 Calc Physics I Lab
PHY 2049 4.0 Calculus Physics II
PHY 2049 L 1.0 Calc Physics II Lab

Communications
ENC 1101 3.0 G(6)College Writing
ENC 1102 3.0 G(6)Informed Writer

Humanities
Select 6 hrs of humanities
ARH MUH HUM AMH EUH HIS PHI REL THE

Social Sciences
Select 6 hrs of social sciences
ANTECOPOS PSY SYG

Select an additional 3 hrs of social science or humanities

Humanities Or Social Sciences
ARH MUH HUM AMH EUH HIS LIT PHI REL THE ANTECOPOS PSY SYG

Foundation (14 semester hours)
STA 3032 3.0 Prob/Stat-Engineer
EEL 3003 3.0 Intro To EE
ENC 3250 3.0 G(6) Prof Communic
ECO 3007 2.0 Econ For Engineers
COP 2220 3.0 Intro To C

Core Requirements (20 SEMESTER HOURS)
EGN 3311 3.0 Statics
EGN 3321 3.0 Dynamics
EGN 3331 3.0 Strength Of Material
EGN 3331 L 1.0 Mech Systems Lab
EML 3100 3.0 Thermodynamics I
EGN 3203 3.0 Mod Computal Methods
EML 4551 1.0 Sr Capstone Design I
EML 4552 3.0 Sr Capstone Desi II

Major Requirements (31 SEMESTER HOURS)
EML 3015 3.0 Fluids I
EML 4501 3.0 Machine Design
EML 4312 3.0 Dynamic Sys/Control
EML 3553 3.0 Project Enginering I
EML 4140 3.0 Heat Transfer
EML 4930 AL 3.0 ST:Modern Engr CAD
EML 4554 3.0 Project Enginering II
EML 4414 3.0 Heat Power Egnring
EML 4313 3.0 Ctrl Mach/Process
EML 4601 3.0 HVAC Systems
EML 4004 L 1.0 Energy Systems Lab

Technical Electives (3000 - 4000 LEVEL) (06 SEMESTER HOURS)
Select six hours from the list below
EML 3101 3.0 Thermodynamics II
EML 4016 3.0 Fluids II
EML 4544 3.0 Materials Handling I
EML 4905 1-3 Directed Indivi Stud
EML 4930 1-3 Sp In Mechnl Eng
EML 4930 AK 3.0 ST: Robotics
EML 4930 AM 3.0 Mechatronics
EGN 4032 2.0 Engrg & Prof Issues
EML 4949 1.0 Co-op Work Experienc

* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
* Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
* Students are strongly encouraged to take the fundamentals of engineering exam during their senior year.
Building Construction Management
(904) 620-2683
Jerry Merckel, Interim Chair
John W. Adcox Jr., Associate Professor
Donald A. Jensen, Assistant Professor
J. David Lambert, Visiting Assistant Professor
Mag K. Malek, Assistant Professor
Richard Conte, Academic Advisor/Instructor

The mission of the Department of Building Construction Management at UNF is to provide students with a program of study that enables them to achieve their highest potential, and to provide support for Northeast Florida’s economic development. The program goals are:

- to provide and maintain a high quality Bachelor of Science Program in Building Construction Management, which enables graduates to achieve their maximum potential in the building construction management field.
- to provide and maintain a strong, active relationship with the building construction industry in Northeast Florida through graduates, an industry advisory council, and internships.

The educational outcomes are to graduate students who:

- have the ability to work with all types of people.
- have the ability to think and reason logically.
- have the ability to understand and solve construction problems.
- have the ability to make sound economic decisions.
- have the ability to communicate clearly and concisely, both orally and written.
- are computer literate and Internet capable.
- know and uphold ethical standards of the field.
- are prepared for successful entry into the construction industry.
- have the ability to lead in the construction industry and in the community.

The program consists of management-oriented technical curricula built upon a balanced program of studies drawn from building construction, computer concepts, management, and general education requirements.

A graduate of this program can expect to find employment in the residential or commercial construction industry. Typical employment positions include estimator, assistant project manager, assistant superintendent, field engineer, or construction company manager.

Advising The Building Construction Management Department provides individualized academic advisement to all its students. Students interested in the Building Construction Management major are required to meet with an academic advisor to: 1) evaluate the student’s course work to determine whether prerequisites for the major have been met and 2) plan a program of study for the student to follow. Students are encouraged to make an advising appointment as early as possible to develop their program of study. This will enable them to progress in an efficient manner toward the completion of a degree.

Internship All Building Construction Management students are required to take a one semester internship during one of their last two semesters at UNF.

Graduation Requirements The following are minimum requirements for the Bachelor of Science degree:

1. A minimum of 126 semester hours for the four-year program, which includes general education requirements plus the prerequisite and required courses, listed below;
2. Completion of the prerequisite and core requirements listed below with a grade of “C” or better in each course;
3. Satisfactory completion of the general education program, prerequisites; and
4. At least 30 upper-level semester hours in residence at UNF.

Minor in Business for Construction Majors (option) Students must meet College of Business Administration requirements.

Major: Building Construction Track: Building Construction Management Degree: Bachelor of Science

All courses must be completed with a grade of “C” or better.

Prerequisites (36 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021</td>
<td>3.0</td>
</tr>
<tr>
<td>STA 2023</td>
<td>3.0</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>3.0</td>
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<tr>
<td>BUL 3130</td>
<td>3.0</td>
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<tr>
<td>MAC 2233</td>
<td>3.0</td>
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<tr>
<td>BCN 1210</td>
<td>3.0</td>
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<tr>
<td>BCN 1210L</td>
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<tr>
<td>BCN 1252</td>
<td>3.0</td>
</tr>
<tr>
<td>BCN 2405</td>
<td>3.0</td>
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</tbody>
</table>

Two Physics Courses With Labs

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 2053</td>
<td>3.0</td>
</tr>
<tr>
<td>PHY 2053L</td>
<td>1.0</td>
</tr>
<tr>
<td>PHY 2054</td>
<td>3.0</td>
</tr>
<tr>
<td>PHY 2054L</td>
<td>1.0</td>
</tr>
</tbody>
</table>


Computer Course

CGS
Dept recommends a computer application software course or CGS x531, 1100, or 1570
<table>
<thead>
<tr>
<th>Foundation</th>
<th>(6 semester hours)</th>
<th>Core Requirements</th>
<th>(63 SEMESTER HOURS)</th>
<th>Students will work with internship faculty advisor to secure their internship placement. Students must have a signed internship agreement prior to the first day of class.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2023 3.0 Princ Microeconomics</td>
<td>MAR 3023 3.0 Prin Of Marketing</td>
<td>BCN 3782 3.0 Constr Computing</td>
<td>BCN 3012 3.0 History Of Constrc</td>
<td>* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning AA and completing 60 semester hours.</td>
</tr>
<tr>
<td>GEB 1011 3.0 Found Of Business</td>
<td>BCN 4612 3.0 Adv Construction Est</td>
<td>BCN 3223 3.0 Soils &amp; Foundations</td>
<td>BCN 3611 3.0 Constr Cost Est</td>
<td>* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.</td>
</tr>
<tr>
<td></td>
<td>BCN 4284 3.0 Survey: Const Layout</td>
<td>BCN 3762 3.0 Bldg Const Desn/Code</td>
<td>BCN 4587 3.0 Evie Issues-Const</td>
<td>* This program includes a minimum of 63 upper division semester hours.</td>
</tr>
<tr>
<td></td>
<td>BCN 3762 3.0 Bldg Const Desn/Code</td>
<td>BCN 3611 3.0 Constr Cost Est</td>
<td>BCN 4772 3.0 Admin/Entrprenuer</td>
<td>* Students should make periodic appointments with their advisor to assess their academic progress.</td>
</tr>
<tr>
<td></td>
<td>BCN 3012 3.0 History Of Constrc</td>
<td>BCN 4587 3.0 Evie Issues-Const</td>
<td>BCN 4772 3.0 Admin/Entrprenuer</td>
<td>* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.</td>
</tr>
<tr>
<td>Core Requirements</td>
<td>BCN 3224 3.0 Superstructures</td>
<td>BCN 4562 3.0 Electrical Systems</td>
<td>BCN 4752 3.0 Site Anlys &amp; Devel</td>
<td>* Students are strongly advised not to enroll in courses at another institution during their last semester at UNF.</td>
</tr>
<tr>
<td>BCN 3224 3.0 Superstructures</td>
<td>BCN 4752 3.0 Site Anlys &amp; Devel</td>
<td>BCN 4708 3.0 Const Docmnts/Cntrct</td>
<td>BCN 4709 3.0 Managing Bldng Const</td>
<td>* Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.</td>
</tr>
<tr>
<td>BCN 4708 3.0 Const Docmnts/Cntrct</td>
<td>BCN 4709 3.0 Managing Bldng Const</td>
<td>BCN 4475 3.0 Structural Systems</td>
<td>BCN 4720 3.0 Const Plan &amp; Schedul</td>
<td></td>
</tr>
<tr>
<td>BCN 4475 3.0 Structural Systems</td>
<td>BCN 4720 3.0 Const Plan &amp; Schedul</td>
<td>REE 4043 3.0 Real Estate Analysis</td>
<td>BCN 4944 3.0 Constr Mgmt Intrn</td>
<td></td>
</tr>
</tbody>
</table>
### Computer and Information Science

#### CDA 4011 - Office Automation / Human Factors 3
Prerequisites: COP 3540 and CDA 3100. This course demonstrates software functionality in modern offices. Topics include electronic document management, clerical and professional support systems, remote offices, and application of new technology in the office. Students will write custom software and apply existing software systems.

#### CDA 4102 - Introduction to Computer Architecture 3

#### CDA 4102L - Intro to Computer Architecture Laboratory 1
Prerequisite: CDA 3101. Corequisite: CDA 4102. Laboratory exercises to accompany CDA 4102 emphasizing computer architecture, microprocessing, instruction sets, I/O techniques and memory using software interfaces. 3 hours of laboratory. *(A material fee of $30 will be assessed.)*

#### CDA 4312 - Microprocessors and Interfacing 3
Prerequisites: CDA 3101 and COP 3601 or CDA 3100. Corequisite: CDA 4312L. Survey of current microprocessors and peripheral equipment, interfacing components, interfacing techniques, communication standards, software design and development, applications, hands-on laboratory.

#### CDA 4312L - Microprocessors and Interfacing Laboratory 1
Prerequisites: CDA 3101 and COP 3601. Corequisite: CDA 4312. Laboratory exercises to accompany CDA 4312 emphasizing microprocessor and peripheral interfacing techniques, communications standards and software design and development. 3 hours of laboratory. *(A material fee of $30 will be assessed.)*

### CEN 4510 - Computer Communications 3
Prerequisite: COP 3530 or COP 3540. Communications standards and protocols; transmission fundamentals; network topologies; data compression and encryption; flow control, bridging, switching, and routing; local and wide-area network protocols; client server and peer-to-peer models; performance measuring.

#### CEN 4516 - Networks and Distributed Processing 3
Prerequisite: CEN 4510. Network architecture and protocols in computer communication networks, network elements and topology, switching and routing, data management and security in a distributed environment.

#### CEN 4610 - Knowledge Engineering 3
Prerequisite: CAP 4630. Definitions and principles of knowledge-based systems, especially knowledge representation and knowledge acquisition. Reasoning under uncertainty; rule-based deduction;
generalization; explanation. Frames, semantic networks, rules, and various forms of logic.

**CIS 4327 - Information Systems Senior Project I**  
Prerequisites: COP 3540 and COP 4720. First of a two course senior project on systems development with a significant laboratory component. Students will design a prototype information system in the context of the project team environment employing methodologies of a model software system life cycle including specification, analysis, and design.

**CIS 4328 - Information Systems Senior Project II**  
Prerequisite: CIS 4327. The second in a two course senior project with a lecture and significant laboratory components. Students implement a prototype information system in the context of the project team environment employing the methodologies of a model software system life cycle. Capstone course for the Information Systems major.

**CIS 4510 - Expert Systems and Decision Support**  
Prerequisite: COP 3540. Expert systems construction and application. Use of computers in managerial decision making. Examination of problem solving and decision models in relation to the business environment. Practical application emphasizing evaluation of available systems and hands-on experience.

**CIS 4900 - Directed Individual Study**  
For senior level computer and information science students, topic supportive of the student’s overall program. May be repeated with permission.

**CIS 4910 - G(3) Honors Research in Computer and Information Science**  
Prerequisite: Admission to the Honors in the Major track in computer and information sciences. Research leading to the Honors project/thesis under the supervision of a faculty member.

**CIS 4930 - Special Topics in Computer and Information Sciences**  
For senior level students. Topics are reflective of advances in state-of-the-art computing not adequately addressed in current course offerings. This course can be repeated for credit a maximum of 4 times for a total of 12 credits.

**COP 2120 - Introduction to COBOL Programming**  
Prerequisite: CGS 1570. This course introduces students to the fundamentals of structured programming as well as language structure and capabilities. Students learn about program development, including program definition, pseudocode, flowcharting, coding, testing and debugging. To practice programming skills, students develop COBOL programs to solve “real-world” problems.

**COP 2165 - Report Generator Software**  
Prerequisite: COP 2120. Survey of report generator languages, language structure and capabilities. Programming in COBOL report writer, RPG and utility programs to include Mark IV. Recommended for accounting majors because of similarities to generalized audit software.

**COP 2170 - Introduction to BASIC Programming**  
Fundamentals of structured BASIC programming, language structure and capabilities. Program development, including program definition, flowcharting, coding, testing and debugging. Students develop BASIC programs to solve “real-world” problems.

**COP 2200 - Introduction to FORTRAN Programming**  
Fundamentals of structured FORTRAN programming, language structure and capabilities. Program development, including program
definition, flowcharting, coding, testing and debugging. Students develop FORTRAN programs to solve “real-world” problems.

COP 2220 - Introduction to C Programming
Introduction to C programming: types, operations, and expressions; control flow; I/O; functions and program structure; software design techniques; problem solving, with numerous programming projects.

COP 2310 - Introduction to SNOBOL Programming
Fundamentals of SNOBOL programming, language structure and capabilities. Program development, including program definition, flowcharting, coding, testing and debugging. Students develop SNOBOL programs to solve “real-world” problems.

COP 2332 - Introduction to Visual Basic Programming
Prerequisites: Knowledge of programming in another language and knowledge of the current release of Windows. An introductory course in Windows programming using Visual Basic. Topics include event-driven programming techniques and object-oriented concepts. Includes objects, properties, methods, controls, functions, subroutines, arrays and structures, and database access.

COP 2400 - Introduction to Assembler Language Programming
Prerequisite: Knowledge of a high level programming language. Fundamentals of assembler language programming structure and capabilities for the IBM large systems environment. Program development, including program definition, flowcharting, coding, testing and debugging. User-defined macros, system macros, and program linkage. Students develop assembler language programs to solve “real-world” problems.

COP 2551 - Introduction to Object Oriented Programming
Prerequisite: CGS 1570. This course introduces the principles and practices of object oriented (OO) programming. Topics include user interface and problem data classes; class versus instance properties and methods; abstraction; encapsulation; inheritance and multiple inheritance; polymorphism; software design techniques; and problem solving. The concepts are utilized in numerous programming projects.

COP 3312 - Introduction to LISP Programming
Fundamentals of LISP programming, language structure and capabilities. Program development, including program definition, flowcharting, coding, testing and debugging. Students develop LISP programs to solve “real-world” problems.

COP 3331 - Object-Oriented Programming in Java/JavaScript
Prerequisites: COP 2220 and CGS 3559 or permission. This course covers the principles and practices of object-oriented (OO) analysis, design, and implementation. Topics include functions, objects, event handlers, interactive forms, arrays, frames, documents, windows and selected topics in JavaScript; classes, packages, interfaces, exceptions, awt, threads, JDBC, and selected topics in Java.

COP 3350 - Introduction to APL Programming
Fundamentals of APL programming, language structure and capabilities. Program development, including program definition, flowcharting, coding, testing and debugging. Students develop APL programs to solve “real-world” problems.

COP 3530 - Data Structures
Prerequisites: COP 2220 and MAC 2311. Prerequisite or corequisite: COT 3100. A continuation of C programming. Data structures consisting of arrays, structures, stacks, infix, prefix, postfix notation, recursion, queues, lists, trees, binary trees, tree representations, graphs, dynamic memory. Common algorithms for sorting and searching.

COP 3531 - File Structures
Prerequisites: COP 2120 and MAC 2233. Prerequisite or corequisite: COT 3100. This course focuses on business-oriented file processing and storage techniques, including tables, searches, sorts, sequential files, indexed sequential files, and relative files. Assignments include programming projects to utilize concepts and develop programming skills.

COP 3540 - Data Structures Using OOP
Prerequisite: COP 2551. Prerequisite or corequisite: COT 3100. As a continuation of OOP programming, this course addresses linear and non-linear data structures and techniques. Topics include stacks, queues, trees, indexing techniques, multikey structures, recursion, sorting and searching, hashing, and hash overflow techniques.

COP 3601 - Introduction to Systems Software
Prerequisite: COP 3530. Computer structure, machine language, instruction execution, addressing techniques. System and utility programs, programming techniques. Assemblers and macroprocessors.

COP 3700 - Discrete Systems Modeling and Simulation
Prerequisites: (COP 3530 or COP 3540) and (STA 4321 or STA 2013). Model building; queuing models; design of experiments; simulation techniques; utilization of probability density functions; pseudo-random number generation; simulation tools such as GPSS, SIMSCRIPT, and SLAM; interpretation of results; simulation animation; continuous simulation.

COP 3543 - Advanced Data Structures
Prerequisite: COP 3530. A continuation of COP 3530 to include AVL trees, B trees, B+ trees, B* trees, Red Black trees, graph algorithms, external sorting, AA trees, hashing, sets. Projects will be implemented using an object oriented paradigm.

COP 4610 - Operating Systems
Prerequisites: STA 4321 and COP 3601. Process management, memory management, file management, input/output device management, distributed systems issues.

COP 4620 - Construction of Language Translators
Prerequisites: COP 3210 and COP 3601. Grammars, languages, parsing, precedence, runtime storage organization, semantic routines, error recovery, optimization, intermediate code representations, scope, symbol tables, compiler-compilers.

COP 4640 - Operating Systems Environments
Prerequisites: CDA 3100 and COP 3540. Introduction to operating systems from an applied point of view. Topics include operating systems configuration, characteristics, and evaluations. Laboratory exercises require students to develop and maintain a multiuser operating system, develop custom system utilities, and evaluate different operating systems configurations.

COP 4710 - Data Modeling
Prerequisites: COP 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 also covered.
COP 4720 - Database Systems
Prerequisite: COP 3531 and COP 3540. This course includes a review of database history, access methods, and data structures. Traditional databases are studied with an emphasis on relational database management system, architecture, operations, SQL, optimization, concurrency and conceptual entity-relationship model. Implementation involves using a commercial relational database management system.

COP 4722 - Database Systems II
Prerequisite: COP 4720. This course examines logical and physical database design, SQL utilization of query language, and CASE design tool for database management system implementation. Other areas of study include client/server system, multi-user databases, DBMS software interfaces, basic database administrator responsibilities, permissions, locking, releasing, granting, and revoking database objects.

COT 3100 - Computational Structures
Prerequisite: MAC 2311 or MAC 2233. Applications of finite mathematics to CIS. Sets, relations, functions, and number theory. Algebraic and combinatorial structures. Applications of graphs. Boolean algebra and switching theory, and logic.

COT 3210 - Computability and Automata
Prerequisite: COT 3100 and COP 3530. Applications of automata and language theory to CIS. Finite automata and regular expressions. Formal languages and syntactic analysis. Pushdown automata and Turing machines. Undecidability and computational complexity.

COT 4400 - Analysis of Algorithms

Civil Engineering
CEG 3011 - Geotechnical Engineering
Prerequisites: CES 3104 and CRW 3201. Corequisite: CEG 3011L. Topics addressed in this course will include soil formations, mass-volume relationships, soil classification, applications of mechanics principles to soils as an engineering material, effective stress, compaction, capillarity, seepage, compressibility, consolidation, strength, state of stress and failure, slope stability and stabilization methods.

CEG 3011L - Geotechnical Engineering Lab
Prerequisites: CEG 3014 and CWR 3201. Corequisite: CEG 3011 L. This course covers laboratory experiments performed to obtain soil parameters required for typical geotechnical engineering design problems. Experiments include grain size distribution and soil classification, Atterberg Limits, compaction, permeability, consolidation, unconfined compressive strength and shear strength determination.

CEG 3111 - Foundation Engineering
Prerequisites: CEG 3011 and CEG 3011L. Geotechnical conditions and its effect on the behavior, proportioning, and choice of foundation type are described. In addition, the analysis and design of shallow and deep foundations, earth retaining structures, sheet pile walls in waterfront structures, braced cuts and pile foundations will be performed. Geotechnical and structural design using standard codes of practice are covered in detail.

CES 3100 - Analysis of Structures
Prerequisite: CES 3104. This course will investigate types of loads on structures, truss analysis, shear and bending moment diagrams, influence lines and design envelopes. Deformation of beams, frames and trusses using energy and geometric methods are covered. Analysis of indeterminate structures is made by slope deflection and moment distribution methods, and by approximate methods of analysis. Matrix methods are introduced.

CES 3104 - Mechanics of Materials
Prerequisite: EGN 3311. Corequisite: EGN 3321. The concept of stress and strain is covered and includes topics such as normal stress and strain, shear stress and strain, Hooke’s Law, and stress transformation. Deformations in axially loaded members are included with some focus on statically indeterminate members. Torsionally loaded members and flexural members are covered. Shear and bending moment diagrams are emphasized with an introduction to member design. Deflection of beams and columns bucklings are introduced.

CES 3605 - Design of Steel Structures
Prerequisite: CEG 3100. The course focuses on the introduction to structural design philosophies and the LRFD method, structural steel systems, structural loads, design of tension members, design of bolted and welded connections, analysis and design of compression members, and analysis and design of beams.

CES 4101 - Advanced Structural Systems
Prerequisites: CES 4702 and CES 3605. This course presents advanced topics in structural analysis and design, such as computer analysis and design of building frames for gravity, seismic and wind loadings; bridge loading and design; connections in steel framing; design of steel plate girders; torsion in steel and concrete beams; composite beams; yield line theory; and strut and tie models for failure analysis.

CES 4702 - Design of Reinforced Concrete
Prerequisite: CES 3104. An introduction to the design of reinforced concrete structures according to current ACI Code provisions for structural design is covered. The course also includes the following: design of simple and continuous beams for flexure and shear, reinforcement development length, design of columns, design of one-way slabs, deflection of beams, and design of spread footings.

CGN 3322 - Surveying and Global Positioning Systems (GPS)
2 Prerequisites: MAC 2312. This course covers the general use of surveying instruments; elevation determination, horizontal positioning; coordinate systems, and topographic surveys. Additionally, this course provides an introduction to GIS concepts, including digital mapping, geodetic datums and control, map projections and coordinates, topology, spatial queries, digital orthophotography, and digital elevation modes.

CGN 3501C - Civil Engineering Materials
Prerequisite: CHM 2045C. This course offers an introduction to the economic, mechanical, non-mechanical, production/construction, and aesthetic considerations of civil engineering materials. The materials that are covered within the scope of this course include: metals, aggregates, Portland cement and Portland cement concrete, asphalt cement and asphaltic concrete, masonry, wood, and composites and plastics.

CGN 3930 - Special Topics in Civil Engineering
v. 1 - 3 Prerequisites: Junior standing and consent of instructor or department. This course provides topics of special interest in Civil Engineering, which may vary each time the course is offered. Course content may be engineering science, engineering design, or a
### CGN 4803 - Senior Capstone Design I
Prerequisites: Senior standing and consent of Department. This course is the first part of a two-semester design project. Students select partners, select an advisor, define the problem statement of their design project, and develop a plan of implementation and solution. Finally, students submit a preliminary report and give an oral presentation about the project.

### CGN 4804 - Senior Capstone Design II
Prerequisite: CGN 4803. This course is the second part of a two-semester design project class. Students are to proceed with the design project according to the plan developed in CGN 4803. Under faculty supervision, the students perform the actual design work for the project previously selected. Finally, students submit a final report and give a formal oral presentation to discuss the final design.

### CGN 4905 - Directed Individual Study
Prerequisites: Approval by sponsoring professor and director of engineering. Students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated once with different content.

### CGN 4931 - Special Topics in Civil Engineering
Prerequisites: Senior standing and consent of instructor or department. This course provides topics of special interest in Civil Engineering, which may vary each time the course is offered. Course content may be engineering science, engineering design, or a combination of both. The special interest topic, when offered, will be stated in the schedule booklet. The course is variable in credit hours and may be repeated once with different content.

### CGN 4949 - Co-op Work Experience
Prerequisites: Acceptance in Cooperative Education Program and 6 hours of completed CGN courses. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.

### CWR 3201 - Fluid Mechanics
Prerequisite: EGN 3311. Corequisite: EGN 3321. The purpose of this course is to introduce the fundamental principles of fluid mechanics, including fluid statics, fluid kinematics, and the dynamic equations for fluid mass, momentum and energy conservation. Also, the fundamental principles of fluid mechanics are used to solve basic engineering problems involving incompressible flow.

### CWR 4202 - Hydraulics Engineering
Prerequisite: CWR 3201. The topics contained in this course include the fundamental equations for pipe and open conduit flow, development of design oriented formulas for pipes and open channels, the hydrologic cycle, precipitation and stream flow measurement and analysis, runoff prediction, hydrographs, and flood routing.

### EGN 3125 - Surveying and Computer Aided Design
This course will provide students with hands-on experience in computer-aided design concepts and practices and basic and advanced surveying techniques.

### EGN 3202 - Computer Aided Engineering
This course covers the application of computer tools commonly used in engineering practice: word processing, spreadsheets, databases, presentation software, and computer aided drafting (CAD) software.

### EGN 3311 - Statics
Prerequisites: PHY 2048, PHY 2048L and MAC 2312. This course covers the analysis of two and three dimensional force systems by vector algebra. Application of the principle of equilibrium to particles, rigid bodies, and simple structures are included. Friction, distributed forces, center of gravity, centroids, and moment of inertia are introduced. U.S. engineering and metric systems of units and applications are used.

### EGN 4032 - Engineering and Professional Issues
Prerequisite: Acceptance in an engineering program in the Division of Engineering at UNF. The study of issues of importance to the engineering profession, the relationship of engineers to their profession and their industrial and business bases, and the importance of the results of their designs and analyses on their using communities will be covered in this course.

### ENV 3001 - Environmental Engineering
Prerequisites: CHM 2045C, PHY 2049, PHY 2049L. Corequisites: ENV 3001L. This course covers the fundamentals of environmental engineering, including the physical, chemical, and biological processes used in pollution control; water and wastewater treatment; solid and hazardous waste management; air pollution causes and control.

### ENV 3001L - Environmental Engineering Lab
Prerequisites: CHM 2045C, PHY 2049, PHY 2049L. Corequisites: ENV 3001. This course provides an overview of the experimental methods and processes used in environmental engineering, including laboratory procedures used in water and wastewater treatment, solid and hazardous waste management, and air pollution control.

### ENV 4012 - Advanced Environmental Engineering
Prerequisites: ENV 3001 and CWR 4202. This course provides in-depth coverage of the physical, chemical, and biological processes used for pollution control. Specific topics included in this course are as follows: unit analysis of physical, chemical, and biological processes, environmental hydraulics, water quality modeling, and water and waste treatment theory, analysis, and design.

### TTE 4004 - Transportation Engineering
Prerequisites: CGN 3322, STA 3032, and ECO 4933. This course offers an introduction to transportation engineering, including the characteristics of transportation modes, interaction between modes, facility design considerations, planning of transportation systems, economics, public policy, implementation and management.

### TTE 4201 - Advanced Transportation Engineering
Prerequisite: TTE 4004. This course provides comprehensive coverage of the principles of traffic engineering with an emphasis on road and intersection analysis and design, including the following topics: volume and speed studies, traffic control devices, signal design and timing, and traffic simulation tools.

### Electrical Engineering

#### EEL 3003 - Introduction to Electrical Engineering
Prerequisites: PHY 2049, PHY 2049L, MAP 2302. This course will introduce the concepts of electronics and applications to non-electrical engineering majors. Topics to be included are electrical circuit theory, semiconductor devices and circuits, digital electronics, analog electronics, instrumentation systems, and communication systems.
EEL 3111 - Basic Circuit Theory  
Prerequisites: PHY 2049, MAC 2313; Corequisite: MAP 2302. Basic analysis of dc and ac electric circuits.

EEL 3112 - Electrical Network Theory  
Prerequisite: EEL 3111, MAP 2302. Analysis of two-port networks transmitting sinusoidal signals. Laplace transform techniques.

EEL 3135 - Signals and Systems  
Prerequisite: EEL 3112. Role of Fourier, Laplace and Z-transforms in system theory. Convolution integral applications.

EEL 3211 - Basic Electric Energy Engineering  
Corequisite: EEL 3112. Generation, transformation, and transmission of electric energy in bulk quantities. AC and DC motors.

EEL 3216 - Introduction to Power Systems  
Prerequisites: EEL 3111, high level programming language. Corequisite: EEL 3112. This course includes the study of phasors, symmetrical components, transmission line parameters, power flow, symmetrical faults and applications to power systems.

EEL 3303L - Electrical Circuits Laboratory  
Corequisites: EEL 3112, EEL 3304. Laboratory experiments emphasizing electrical instrumentation, circuit-theory verification plus network analysis and design.

EEL 3304 - Electronic Circuits 1  
Prerequisite: EEL 3111. Emphasis on diode and transistor characteristics and amplifier design. Fundamentals of analog and digital electronic circuits and systems.

EEL 3472 - Electromagnetic Fields and Applications  
Prerequisite: EEL 3111, MAP 2302 or permission of the instructor. Electric and magnetic fields and forces, Maxwell’s equations in point and integral form, plane wave propagation, energy and power.

EEL 3701C - Introduction to Digital Systems  
Corequisite: COP 2200. An overview of logic design, algorithms, computer organization, assembly language programming and computer engineering concepts. Laboratory.

EEL 4201L - Electric Energy Conversion Lab  
Prerequisite: EEL 3211. This course involves the study of electric energy conversion, devices and systems.

EEL 4220 - Electronic Drives and Motor Control  
Prerequisites: EEL 3211 and EEL 3112. This course involves the analysis and design of AC and DC motor controls with semiconductor converter drives. The controlled rectifier and chopper drives method is studied for DC motors and the cycloconverter and inverter drives method is studied for AC motors.

EEL 4242C - Power Electronic Circuits  
Prerequisite: EEL 3304. This course involves circuit topologies, analysis, design and simulation of electronic circuits. Power supplies and motor drives are also studied.

EEL 4309C - Electronic Circuits 2  
Prerequisites: EEL 3303L, EEL 3304, EEL 3112. Frequency response, feedback, op-amp applications, power amplifiers, power supply design and digital circuits. Laboratory.

EEL 4310 - Digital Integrated Circuits  
Prerequisite: EEL 4309C. This course covers the analysis and design of digital circuits that are fabricated using MOS and bipolar devices.

EEL 4314L - Advanced Electronics Design  
Prerequisite: EEL 4309C. Techniques for the design and verification of electronic instrumentation, devices, systems and design projects.

EEL 4396 - Solid-State Electronic Devices  
Prerequisite: EEL 3304. Introduction to the principles of semiconductor electron device operation.

EEL 4440 - Optical Fiber Communications  
Prerequisites: EEL 3135, EEL 3472. Dielectric waveguides and fibers, propagation characteristics of fibers, characterization methods, LEDs and laser diodes, photodector optical receivers and communication system applications.

EEL 4514 - Analog and Digital Communication Systems Laboratory  
Prerequisite: EEL 3135. This course is an introduction to the theories of digital and analog communication systems. Application to radio, television, satellite, cellular phone, spread spectrum, and computer communication networks are included.

EEL 4514L - Analog and Digital Communication Systems Laboratory  
Prerequisite: EEL 3135; Corequisite: EEL 4514. This course is an introduction to the theories of digital and analog communication systems with application to radio, television, telephone, satellite, cellular phone, spread spectrum, and computer communication networks.

EEL 4515 - Advanced Digital Communication  
Prerequisite: EEL 4514. Corequisite: EEL 4515L. The first part of this course describes, in detail, common digital modulation and demodulation techniques which form the basis of digital communications. The second part presents a survey of various advanced topics, such as synchronization, equalization, diversity reception, and error control coding. The combination of the two parts aims to provide a solid background in modern digital communication theory.

EEL 4515L - Advanced Digital Communications Lab  
Prerequisite: EEL 4514. Corequisite: EEL 4515L. This is the corresponding lab for EEL 4515 and consists of the laboratory investigation of digital communication systems. (A material fee of $30 will be assessed.)

EEL 4610 - Modern Control Systems  
Prerequisite: EEL 4657. Control system design and analysis using state-space methods. Introduction to digital control systems and their applications.

EEL 4657 - Linear Control Systems  
Prerequisite: EEL 3135. Theory and design of linear control systems.

EEL 4657L - Linear Control Laboratory  
Prerequisite: EEL 4657. This course will provide practical applications of servo control techniques. Topics include position control, speed control, stability, and implementation of proportional-integral, proportional-derivative, and proportional-integral-derivative compensators.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites/Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEL 4712C</td>
<td>Digital Design</td>
<td>4</td>
<td>EEL 3701C and MAD 3107. Advanced logic design, design languages, “finite” state machines, modular and tesselated logic. Laboratory.</td>
</tr>
<tr>
<td>EEL 4713</td>
<td>Digital Computer Architecture</td>
<td>3</td>
<td>EEL 3701C. Corequisite: EEL 4713L. Modern computers are becoming highly integrated complex devices. To understand their complex architecture it is not possible to separate the hardware and the software. So much of the computer hardware design depends on what type of applications the use intends to run and especially the operating system. This senior level electrical engineering class is about computer architecture. To provide a focus to the course and some hands-on, in-depth practical experience, we will work closely with the Motorola MC68908GP32 Microcontroller and the MicroC/OS-II real-time kernel.</td>
</tr>
<tr>
<td>EEL 4713L</td>
<td>Digital Computer Architecture Lab</td>
<td>1</td>
<td>EEL 3701C. Corequisite: EEL 4713. This lab is to be taken with EEL 4713. We will systematically working with a professional grade C compiler to generate code for the HC08 microprocessor. We will also develop simple device drivers for our peripheral components. In the lab, each student will construct a modern power supply and build a MicroOsprey08 computer using surface mount components. The MicroOsprey08 takes a daughter board and each student will design his or her own daughter board for interface for their class project. The class project will be a working computer with both hardware and software built by the student. (A material fee of $30 will be assessed.)</td>
</tr>
<tr>
<td>EEL 4744C</td>
<td>Microprocessor Applications</td>
<td>4</td>
<td>EEL 3701C or CDA 3101 and permission of instructor. Elements of microprocessor-based systems, hardware interfacing applications and software design. Laboratory.</td>
</tr>
<tr>
<td>EEL 4750</td>
<td>Introduction to Digital Signal Processing</td>
<td>3</td>
<td>EEL 3135. This course is an introduction to the high tech world of digital signal processing. The topics include discrete time signal and systems, z-transforms, DFT, introduction to digital filter design. The class offers theoretical and hands on applied signal processing.</td>
</tr>
<tr>
<td>EEL 4750L</td>
<td>Digital Signal Processing Lab</td>
<td>1</td>
<td>EEL 3135. Corequisite: EEL 4750. This course will allow students to apply the theory learned in EEL 4750 in a series of lab assignments. The topics include discrete time signal and systems, z-transforms, DFT, introduction to digital filter design. (A material fee of $30 will be assessed.)</td>
</tr>
<tr>
<td>EEL 4905</td>
<td>Individual Study</td>
<td>v. 1 - 3</td>
<td>Approval of supervising professor and chair. May be repeated up to 12 credits.</td>
</tr>
<tr>
<td>EEL 4914</td>
<td>Electrical Engineering Design 1</td>
<td>1</td>
<td>Senior standing and instructor’s approval. This course provides a formal introduction to ethical, social, economic, and safety considerations in engineering design. It includes the study of the engineering design process. Each student will select a faculty advisor, a design project, and write a project proposal including specifications and a parts list.</td>
</tr>
<tr>
<td>EEL 4915</td>
<td>Electrical Engineering Design 2</td>
<td>3</td>
<td>EEL 4914. Students are responsible for completion of their engineering project that was initiated in the Design 1 course. Students are responsible for testing relative to original specifica- tions, oral presentation of the project, and project documentation in the form of a project report.</td>
</tr>
<tr>
<td>EEL 4930</td>
<td>Special Topics in Electrical Engineering</td>
<td>3</td>
<td>Permission of instructor. Special courses covering selected topics in electrical engineering. May be repeated up to 12 credits with different course content.</td>
</tr>
<tr>
<td>EEL 4931</td>
<td>Special Topics in Electrical Engineering v. 1 - 4</td>
<td>1</td>
<td>Permission from instructor or department. Special courses covering selected topics in electrical engineering.</td>
</tr>
<tr>
<td>EEL 4949</td>
<td>Co-op Work Experience</td>
<td>v. 0 - 1</td>
<td>Six hours of EEL course work. Acceptance in cooperative education program. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.</td>
</tr>
</tbody>
</table>

**Mechanical Engineering**

Civil Engineering and Mechanical Engineering share several courses. See Civil Engineering for course descriptions.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>EGN 3203</td>
<td>Modern Computational Methods</td>
<td>3</td>
<td>MAP 2302. This course covers computational methods commonly used in engineering practice. An engineering analysis software package is used extensively in the study of algorithms and engineering numerical analysis.</td>
</tr>
<tr>
<td>EGN 3321</td>
<td>Dynamics</td>
<td>3</td>
<td>EGN 3311, MAC 2313, PHY 2049, and PHY 2049L. The kinematics of particles is introduced with topics such as rectilinear motion and curvilinear motion. The kinetics of particles is covered utilizing Newton’s Second Law, energy and impulse-momentum principles. Kinematics of rigid bodies is included and covers translational and rotational motions. Kinetics of rigid bodies is also covered for translation, rotation and general plane motion.</td>
</tr>
<tr>
<td>EGN 3331</td>
<td>Strength of Materials</td>
<td>3</td>
<td>EGN 3311. Corequisite: EGN 3311L. In this course the concept of stress and strain is covered and includes topics such as normal stress and strain, shear stress and strain, Hooke’s Law, and stress transformation. Deformations in axially loaded members are included with some focus on statically indeterminate members. Torsionally loaded members and flexural members are covered. Shear and bending moment diagrams are emphasized with an introduction to member design. Deflection of beams and columns bucklings is introduced.</td>
</tr>
<tr>
<td>EGN 3331L</td>
<td>Mechanical Systems Lab</td>
<td>1</td>
<td>STA 3032, EGN 3311. Corequisite: EGN 3331, EML 4312. Students will design and conduct experiments in topics of mechanics of materials, dynamic modeling and control of mechanical systems. Hands-on experience in instrumentation hardware and software is integrated into the experiments.</td>
</tr>
<tr>
<td>EML 3015</td>
<td>Fluids I</td>
<td>3</td>
<td>EGN 3311. Corequisite: EGN 3321. The purpose of the course is to introduce the fundamental principles of fluid mechanics, including fluid statics, fluid kinematics, and the dynamic equations for fluid mass, momentum and energy conservation. Also, the fundamental principles of fluid mechanics are used to solve basic engineering problems involving incompressible flow.</td>
</tr>
</tbody>
</table>
EML 3100 - Thermodynamics I  
Prerequisites: CHM 2045C, PHY 2049, PHY 2049L, and MAP 2302. This course will include the study of energy, its forms and transformations. Topics covered will include properties of pure substances, work and heat, the first law of thermodynamics, the second law of thermodynamics, and energy and power systems using thermodynamics principles.

EML 3101 - Thermodynamics II  
Prerequisite: EML 3100. This course is a continuation of EML 3100, Thermodynamics I. In this course, students will develop the concepts of energy generation and the transformation of energy from one state to another. The production of useful energy and the possible flow of energy will be explored.

EML 3535C - Modern Engineering CAD  
Prerequisite: Acceptance into an engineering program or permission of instructor. This course covers foundation features of AutoCAD including entity manipulation and solid modeling. Industrial computer aided design systems used by professionals in industry will be introduced. Concepts will be covered through assignment of hands-on projects.

EML 3553 - Project Engineering I  
Prerequisite: Admission to the Mechanical Engineering program. This course is the first of a two-course sequence in project engineering. This first course concentrates on the computer tools commonly used in the engineering practice: word processing, spreadsheets, databases, basic web, presentation software and project management software. Basic concepts and methodologies for project organization, management, and scheduling are introduced.

EML 4004L - Energy Systems Laboratory  
Prerequisites: EML 3015 and EML 4140. The application of mechanical engineering concepts and devices will be performed in this laboratory to include incompressible flows, heat transfer concepts, and thermal systems.

EML 4016 - Fluids II  
Prerequisite: EML 3015. This course is the continuation of the material presented in EML 3015 Fluids I. The course takes the next step to describing fluid flows that include near real-world effects.

EML 4140 - Heat Transfer  
Prerequisites: EML 3100 and EML 3015. In this course concepts are presented and studied describing the processes of transferring energy in the form of heat from one body (solid, liquid, or gas) to another body. Heat transfer by conduction, convection, and radiation will be covered, and analysis tools will be employed in the topics presented.

EML 4312 - Dynamic Systems and Controls  
Prerequisite: EGN 3203. Corequisites: EGN 3321 and EGN 3331L. This course covers dynamics, modeling and control of physical systems with emphasis on mechanical systems engineering. This course makes use of bond graph modeling techniques to model mixed-energy systems including mechanical, electrical, fluid, and thermal subsystems. State-space modeling and the study of control systems analysis and design in the time domain and the frequency domain is covered.

EML 4313 - Control of Machinery and Processes  
Prerequisite: EML 4312. This course covers the application of modern control techniques applied to control of machinery and processes. The study of design and implementation of control systems using compensation techniques, modern control theory, discrete-time control systems for machinery and processes, and statistical process control is covered.

EML 4414 - Heat Power Engineering  
Prerequisites: EML 3100, EML 3015, and EML 4140. In this course an application of the principles of Thermodynamics and transport phenomena to the analysis of thermal power systems will be presented.

EML 4501 - Machine Design  
Prerequisite: EGN 3321. This course covers fundamentals of machine design, stress, strain, and failure analysis including static and fatigue failure theories. Design of specific elements such as springs, screws, fasteners and shafts will be covered.

EML 4544 - Materials and Handling I  
Prerequisites: EML 3100 and EML 3015. The movement of materials necessary to provide for the efficient manufacturing processes is a complex and often vexing problem. This course will use examples of difficult materials handling processes and provide demonstration of the tools necessary to design systems to handle these materials.

EML 4551 - Senior Capstone Design I  
Prerequisites: Senior standing and consent of Department. This course is the first part of a two-semester design project. Students select partners, select an advisor, define the problem statement of their design project, and develop a plan of implementation and solution. Finally, students submit a preliminary report and give an oral presentation about the projects.

EML 4552 - Senior Capstone Design II  
Prerequisite: EML 4551. This course is the second part of a two-semester design project. Students are to proceed with the design project according to the plan developed in EML 4551. Under faculty supervision, the students perform the actual design work for the project previously selected. Finally, students submit a final report and give a formal oral presentation to discuss their final design.

EML 4554 - Project Engineering II  
Prerequisite: EML 3553. This course is the second of a two-course sequence in project engineering. The second course further develops project engineering methodologies including organizational structure, work breakdown structure, resource allocation and management, project costs, risk analysis, scheduling, life-cycle cost modeling and project control.

EML 4601 - HVAC Systems  
Prerequisites: EML 3100, EML 3015, and EML 4140. In this course the design and analysis of heating, ventilation, and air conditioning systems in a wide variety of applications will be studied.

EML 4804 - Mechatronics  
Prerequisites: EML 4312, EEL 3003. Computer integration of electro-mechanical systems is studied. Actuators, sensors, interfacing, computer hardware and software components are studied at the component level from which integrated design and control hands-on projects in mechatronic systems are implemented.

EML 4806 - Robotics Engineering I  
Prerequisite: EGN 3321. Students will study robot manipulator kinematics, dynamic, and control. Topics are augmented using computer graphics tools and laboratory experiments with robot manipulators.
EML 4905 - Directed Individual Study  
Prerequisites: Approval by sponsoring professor and director of engineering. In this course students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated once with different content.

EML 4930 - Special Topics in Mechanical Engineering  
Prerequisite: Senior standing and consent of instructor or department. This course provides topics of special interest in Mechanical Engineering, which may vary each time the course is offered. Course content may be engineering science, engineering design, or a combination of both. The special interest topic, when offered, will be stated in the schedule booklet. The course is variable in credit hours and may be repeated once for a maximum of 6 credit hours.

EML 4949 - Co-op Work Experience  
Prerequisites: Six hours of Mechanical Engineering course work and acceptance in Cooperative Education Program. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.

Engineering Science  
EGM 3420 - Engineering Mechanics  
Prerequisites: PHY 2048, MAC 2313. Reduction of force systems. Equilibrium of particles and rigid bodies. Principles of work, energy, impulse and momentum. Application to structures and mechanisms.

EGN 1002 - Introduction to Engineering  
Prerequisites: MAC 1105, MAC 1113 or MAC 1132. An introduction to the engineering profession. Engineering curricula and methods of study, career opportunities, engineers contributions to civilization and possible future developments. One hour lecture with some field trips.

Building Construction Management  
BCN 1013 - Construction & Culture: A Built Environment  
An analysis of the cultural context of construction, emphasizing its centrality in the evolution and expansion of the built environments as expressions of ethical and aesthetic value systems.

BCN 1210 - Construction Materials  
Prerequisite: MAC 1147. Corequisite: BCN 1210L. Sources, properties, and uses of construction materials in residential and commercial projects. Fundamental elements of construction materials are discussed.

BCN 1210L - Building Construction Materials Lab  
Corequisite: BCN 1210. A laboratory course designed to provide experience in the properties of various building materials such as aggregates, concrete, wood and masonry materials.

BCN 1252 - Construction Drawing I  
Provides a basic working knowledge of architecture graphics, practice in instrumental drawing and experience in free-hand sketching.

BCN 2405 - Introduction to Structures  
Prerequisites: PHY 2053 and PHY 2053L and MAC 1147. An introductory course in the evaluation of structural behavior as it relates to buildings, the properties of structural materials and the structural behavior of load resisting members.

BCN 3012 - History of Construction  
An analysis of the cultural context of construction, emphasizing its centrality in the evolution and expansion of the built environments as expressions of ethical and aesthetic value systems.

BCN 3223 - Soils and Foundations  
Prerequisite: BCN 1210. Study of the construction process to include soils, demolition, foundations, concrete mix design, and earth moving equipment. Includes field visits, soil and concrete laboratories.

BCN 3224 - Superstructures  
Prerequisite: BCN 3223. Study of the vertical construction process to include wooden platform frame construction, cast-in-place and pre-cast concrete construction, and steel erection. Included are interior and exterior finishes, vertical transportation systems, roofing, and other building components.

BCN 3561 - Mechanical Systems  
Prerequisite: BCN 1210. Principles and current practices in the application of water systems, sewage and industrial wastes, environmental control, total energy concepts, and fire protection.

BCN 3611 - Construction Cost Estimating  
Prerequisites: BCN 1252 and BCN 3782. Principles and practices in making quantity surveys and labor estimates for construction projects. (Basic Estimating and Residential)

BCN 3762 - Building Construction Design and Codes  
Prerequisite: BCN 1252. Exploration of building design and construction that conform to federal, state, county, and municipal codes, as well as the authority and responsibility vested in the several agencies. Research of the standard building codes required.

BCN 3782 - Introduction to Construction Computing  
Prerequisite: CGS 1100 or CGS 1570. This course will cover the study of computer applications used in the construction industry. Areas of study include the internet and world wide web, construction scheduling applications, construction estimating, construction drawing, land plotting via the Global Positioning System (GPS) and land planning via geographic information systems (GIS).

BCN 4284 - Surveying: Construction Layout  
Prerequisite: Basic Surveying. Advanced construction surveying on construction layout, with field and classroom exercises.

BCN 4475 - Structural Systems  
Prerequisites: BCN 2405. A study of the structural systems: beams, columns, rigid frames, arches, trusses, enclosures, and foundation configuration methods used in construction. Included are the advantages and limitations of using each structural system, and each materials selection.

BCN 4562 - Electrical Systems  
Prerequisite: BCN 3561C. Principles and current practices in the application of electrical materials and systems, communications, vertical transportation, and architectural acoustics.

BCN 4587 - Environmental Issues in Land Development and Construction  
This course addresses the environmental impact of land development and construction. Topics include specific regulations affecting developers and construction managers, the environmental review of developments, and methods to prevent or minimize the negative environmental impacts of construction and land development.
BCN 4612 - Advanced Construction Estimating
Prerequisite: BCN 3611. Advanced techniques for estimating building construction. This course includes direct and indirect cost analysis for complicated construction systems; preparation of bid proposals, specifications, and other related documents. Students will be required to do projects using Excel spreadsheets.

BCN 4708 - Construction Documents and Contracts
Prerequisites: BUL 3130 and BCN 4709. A study of the legal and protective documentation used in the construction field. These documents include contracts, specifications, insurance and bonds.

BCN 4709 - Managing Building Construction Projects
Prerequisite: 4720. Techniques of controlling and coordinating building construction projects and construction companies. Entrepreneurship.

BCN 4720 - Construction Project Planning and Scheduling
Prerequisites: BCN 3611 and BCN 3782. The application of the critical path method and program evaluation review technique to construction planning, scheduled vs. actual job expenditures, cost forecasting, development of unit prices from field data.

BCN 4723 - Contract Delivery Systems
This course shall explore the many new and developing alternative contractual delivery systems currently being employed in the construction industry.

BCN 4730 - Construction Safety
Construction safety issues, concerns, requirements and procedures. The analysis includes cost, planning, administration, inspection, prevention, loss control and the drug-free work place.

BCN 4752 - Site Analysis and Development
Current practices in the development and analysis of construction sites, including applied soil mechanics, mapping, earth movement and placement, equipment utilization and estimation preparation.

BCN 4772 - Construction Administration and Entrepreneurship
Nature of construction costs, funding sources and arrangements, capital requirements, bonding, insurance, risk and contingency evaluation, general office operations, and bidding procedure.

BCN 4930 - Special Topics/Seminars
Courses centering around topics of current instructors. Topics or focus may vary from semester to semester. Hours may vary. May be repeated up to 12 credits with a change in course content.

BCN 4931 - Seminars: Construction Management v. 1 - 3
Prerequisite: Permission of instructor. Advanced study done within an area of specialization designed for the industrial technologist who desires upgrading in a field of concentration. Covers new information in or related to industrial technology. May be repeated when subject matter is different for a maximum of ten hours.

BCN 4944 - Construction Management Internship v. 3 - 5
Prerequisite: BCN 3611 and permission of instructor. Students must apply to internship program at least one month prior to the semester they will register for internship. The course is designed as a culminating experience in construction management which allows the student an opportunity to practice acquired knowledge under observation by and in cooperation with a master construction manager.
The College of Education and Human Services has long valued its role in the preparation of teaching professionals. The ever-broadening, increasingly diverse needs of society, however, have created a continuing demand not only for qualified teachers, but for other professionals as well. To help meet this demand, the college has expanded its programs. Students may now choose from career paths in general or special education with teaching options in school settings from Pre-Kindergarten through Secondary.

The college’s theme, “Partners in Diverse Learning Communities,” exemplifies the mission to prepare and renew professionals who are equipped to live in pluralistic societies, capable of creating learning communities which focus on continued improvement of the teaching and learning process. Emphasis is placed on application of theory to practice with nearby schools and agencies serving as laboratories for learning.

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 2002 reporting period, 99% of UNF’s teacher education program completers 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% and 98%, respectively.

**Academic Advisement**

The Office of Student Services provides individualized academic advisement to all students in the college. During the initial advising conference, the advisor will help the student (1) select the major which will lead the student to achieving career goals, (2) evaluate the student’s lower-division course work to determine whether prerequisites for the major have been met, (3) plan a tentative program of study for the student to follow which will lead to graduation in the desired major, and (4) provide the student with a written copy of this tentative program. The tentative program will be finalized when the student is fully admitted to the college.

Students are encouraged to visit the Office of Student Services to meet with an academic advisor as early as possible so that a program of study may be prepared. This will provide students with a well-defined set of program requirements and enable them to progress in an efficient manner toward the completion of a degree. The Office of Student Services is located in Frederick H. Schultz Hall, Room 2305, 620-2530.∗

∗ Academic advisement is provided to all students in the College. Students’ failure to seek advisement has historically resulted in scheduling problems, incomplete certification requirements, and delayed program completion. The College cannot be responsible for problems due to students’ failure to consult with advisors.

**Office of Field Experiences**

Most programs in the College of Education involve a field experience and clinical component. The Office of Field Experiences coordinates and administers the continuum of clinical experiences for undergraduate students in the College of Education and Human Services. Students applying for teaching internships must
submit applications prior to the fourth Friday of the semester preceding internship (excluding summer terms). Applications for Field I and II clinical experiences are completed under the supervision of the clinical instructors. The Office of Field Experiences is housed in Frederick H. Schultz Hall, Room 2401, 620-3934.

Probation/Suspension
An admitted undergraduate education major who fails to earn a cumulative or term average of 2.5 after completing a cumulative total of 15 or more credit hours will be placed on academic probation and referred to an academic advisor. Academic probation is a warning. If both the term and cumulative GPA fall below 2.5 during the next term of enrollment, the student will be eligible for suspension. If suspended, the student will be dropped from any courses for which he/she is currently registered and denied the opportunity to re-enroll. The student should contact the Office of Student Services.

Bachelor’s Degree Programs Teacher education programs leading to the bachelor of arts in education degree have as their primary objective the preparation of educators with broad foundations and observable, measurable competencies and practices that contribute to their personal and professional growth. These competencies and practices assist learners to realize their full potential in ways which are meaningful and satisfying and which lead to effective participation as members of society. Educators must:

1. Utilize a systems approach. This means they continually test and evaluate whether they are accomplishing their instructional goals. They base their educational activities on learning principles which can be supported by research, by feedback evidence from students, and by scholarly consensus. This consensus must be in harmony with the goals of the school and the needs of society.

2. Relate to students in a manner consistent with a democratic philosophy of life.

3. Make an effective, constructive, and reasoned contribution to their profession and the society in which they live.

Undergraduate Core Students enrolled in the College of Education and Human Services education degree programs must complete an undergraduate core curriculum, including two semester-long field laboratory courses. The core courses for teacher preparation programs are designed to provide students with generic competencies and professional practices essential for all educational personnel and fulfill Florida Department of Education certification requirements. The undergraduate core builds teacher competencies in the following areas: learning theories, curriculum, methods, classroom management, communication, and assessment.

Core courses for teacher preparation programs:*
EDF 3151 Nature of the Learner 3 hours
EDG 3323 The Learning Process 3 hours
EDG 4327 Assessment of Learning and Behavior 3 hours
EDG 4410 Classroom Management and Communication 3 hours
EDF 3945 Field Laboratory Experience I** 2 hours
EDF 3946 Field Laboratory Experience II** 2 hours
EDE 4943 Internship 12 hours

*Note: Not all teacher preparation programs require all courses in this list; however, all core course objectives are addressed in all programs either via core course work or other components of the program of study.

** Field Laboratory Experience I must be successfully completed prior to enrolling in Field Laboratory Experience II. Field Laboratory Experience II is taken concurrently with specified methods courses. Field Laboratory Experience I and II have a 50 hour clinical component.

Majors Majors are offered in elementary education (K-6); pre-kindergarten through primary grades (age 3 through grade 3); K-12 physical education; middle school education; sport leadership; K-12 programs in art and music; secondary specializations in selected majors in collaboration with the College of Arts and Sciences; and exceptional student education programs.

Admission Requirements Applicants must meet minimum requirements for admission to undergraduate programs as established by the State of Florida rule and the University of North Florida policy.

All programs presuppose that students have sufficient academic background to pursue the professional courses provided in the College of Education and Human Services. For specific requirements refer to programs of study for each major.

Special Requirements for Admission to Bachelor of Arts in Education Programs The Florida State Board of Education requires that applicants for undergraduate teacher education programs meet one of the two admissions requirements stated below:

(1) Students who have earned a minimum of 60 semester hours from a regionally accredited college or university with a cumulative GPA of 2.5 or better and have passing scores on all four parts of the CLAST exam or corresponding components of the Praxis series exams.*

(2) Students who have completed a bachelor’s degree from a regionally accredited institution with a minimum GPA of 2.5 or better with passing scores on all four part of the CLAST exam or corresponding components of the Praxis series exams.*

* All students entering the College of Education and Human Services must have passing scores on all four parts of the College Level Academic Skills Test (CLAST) or a passing score on the corresponding components of the Praxis series exams. EXEMPTION FROM THE TEST FOR ADMISSION TO THE UNIVERSITY DOES NOT
WAIVE THIS ENTRANCE REQUIREMENT TO THE COLLEGE OF EDUCATION AND HUMAN SERVICES.

Transfer Students having earned 60 or more semester hours prior to applying to the College of Education and Human Services without passing scores on the CLAST exam will be tentatively admitted for one semester (14 semester hours maximum) only during which time they MUST register for and pass all four parts of the CLAST exam. Students NOT RECEIVING PASSING SCORES on all four parts of the CLAST exam during this tentative admission semester WILL NOT BE PERMITTED TO REGISTER for any additional classes until this requirement is satisfied. Students not meeting the College of Education and Human Services' admissions criteria after being tentatively admitted will be changed to a non-degree seeking student status.

An official copy of the appropriate scores must be sent to the Office of Admissions.

Additional information regarding admission and admission by exception is available from the Office of Student Services, (904) 620-2530.

Graduation Requirements Requirements for the Bachelor of Arts in Education degree are as follows:
1. Completion of the minimum number of semester hours required by the particular program of study, of which at least 50 percent are earned at the upper-level.
2. Completion of the last 30 upper-level semester hours in the degree program in residence at UNF.
3. Completion of all field experience and internship requirements.
4. Satisfactory completion of the General Knowledge, Professional Education, and Subject Area Components of the Florida Teacher Certification Exam (FTCE).* It is strongly recommended that students arrange to take these exams in the semester prior to the semester in which they plan to enroll in Student Teaching.
5. Grades lower than “C” at either the lower division or upper division level will not be applied toward the completion of the degree requirements.
6. Students progressing toward a Bachelor of Arts in Education degree, are required to maintain a minimum overall GPA of 2.5.
7. Students seeking a Bachelor of Arts in Education degree shall have attained an overall grade point average (GPA) of 2.5 or better.

* Not applicable for students in programs not leading to certification in teaching. A student in a teacher education program who fails to meet the FTCE requirement may be eligible to graduate; however, the degree would not be endorsed by the State of Florida for eligibility for certification.

Teaching Certification Students who complete undergraduate teacher education programs in the College of Education and Human Services and who are eligible for certification endorsement meet academic, field experience, and professional testing requirements for a State of Florida teaching certificate in their specializations.

Directed Independent Studies The intent of an independent study is to allow a student to pursue a selected topic in greater depth under the direction of a College of Education and Human Services faculty member. Regularly offered courses typically involve classroom interaction and for this reason are not offered as independent studies. Students who qualify for an independent study or need additional information should contact the individual professor. Independent study courses are not available for Pre-Kindergarten/Primary track.

Field Experiences The College of Education and Human Services is committed to providing teacher education students with a wide variety of field-based, clinical experiences. Because of this commitment, all teacher education students will participate in at least one urban field experience in the Duval County Public Schools.

Pre-internship Field experience is required as part of the College’s core for all undergraduate teacher education students or certification students seeking to complete an internship experience. These pre-internship field experiences are organized into two 2 semester-hour courses, Field I and Field II. Prerequisite and/or corequisite courses must be completed prior to or along with Field I and Field II in all programs of study. Students should consult with an advisor to assure that prerequisites are satisfied when enrolling in Field I or Field II. Field I must precede Field II, and the two field courses may not be taken in the same semester. Both pre-internship field courses must be successfully completed with a grade of “C” or better prior to internship. Each course is conducted as an inquiry-oriented seminar designed around common problems faced by beginning teachers. The courses link theory and practice through the development of a teaching portfolio needed for internship. Each course requires the students to participate in a 50 hour field component. Students should meet with their advisor to plan the semester in which to enroll in each pre-internship field course.

It is the responsibility of students enrolling in these courses to apply for field experience placement during the first week of classes, in addition to the completion of formal course enrollment. Students will be assigned to a school site by the Director of Field Experiences. Placement assignments are final and may not be changed.

Internship Teacher education students seeking a Bachelor of Arts in Education degree in the College of Education and Human Services must complete an internship as a college requirement. A 2.5 grade point average, as well as completion of all prerequisites and program requirements, is required to enroll in internship. The student should consult the Office of Student Services regarding clearance for internship. Interns are assigned to public schools in UNF’s service region to make program supervision possible. Placing an intern requires advanced planning by the College of Education and
Human Services and the public schools. For this reason, it is the student’s responsibility to see that application for internship is filed by the fourth Friday of the semester prior to the semester of enrollment for internship.* Placement assignments are final and may not be changed.

Because of the heavy responsibilities and commitment involved in internship, a student is not permitted to enroll in any additional courses during the internship period. Any exceptions to this rule must be initiated at the time of application through the Director of Field Experiences and approved by the appropriate division chair and the dean.

Successful completion of internship requires fulfillment of all field-based experiences as specified in the College of Education and Human Services “Internship Handbook,” including submission of a professional portfolio constructed according to the guidelines specified by the Office of Field Experiences and in compliance with the Twelve Educator Accomplished Practices for pre-professional educators.

General Education and College Prerequisites:
The Florida Board of Education has established general education requirements applicable to all students enrolled in undergraduate programs leading to teacher certification. These requirements are more substantial than the University’s general education requirement, and exact courses vary by program of study. Students should consult with an advisor to assure compliance with these requirements.**

All teacher education majors will also be required to complete the following college prerequisites prior to admission:
Introduction to Education (EDG 1005)*** 3 hours
Teaching Diverse Populations (EDG 2701)*** 3 hours
Introduction to Educational Technologies (EME 2040) 3 hours

*Internship is not offered in the summer term. Fall term applicants must apply for internship the 4th week of the previous spring term.
**A grade of C or better must be obtained in all lower division and prerequisite courses required by the College of Education and Human Services.
***Introduction to Education and Teaching Diverse Populations each require 18 hours of field experience.

Teacher-Certification-Only
Students who have completed a bachelor’s degree in a non-education field of study may pursue teacher certification through “Teacher-Certification-Only” (TCO) studies. All TCO coursework must be taken at the graduate level (i.e., 5000 or 6000 level courses) unless graduate-level courses are not offered. TCO does not lead to the awarding of a degree or certificate. Students interested in TCO should contact the College’s Office of Student Services.

Division of Curriculum and Instruction
620-2610
Sandra L. Gupton, Chair; Professor, Educational Leadership
Michael P. Smith, Associate Chair and Associate Professor
Marianne Barnes, Professor
Paul D. Eggen, Professor
Betty M. Flinchum, Professor
Bruce A. Gutknecht, Professor
Dennis M. Holt, Professor
James W. Mittelstadt, Professor
Phillip S. Riner, Professor
Elinor A. Scheirer, Professor
G. Pritchey Smith, Professor
Royal VanHorn, Professor
Janet E. Bosnick, Associate Professor
Tuiren A. Bratina, Associate Professor
Donna M. Keenan, Associate Professor
Otilia Salmon, Associate Professor
Allan N. Sander, Associate Professor
Roy Singleton, Jr., Associate Professor
Nile V. Stanley, Associate Professor
Mary Sue Terrell, Associate Professor
Janice A. Wood, Associate Professor
Candice Carter, Assistant Professor
Catherine Cavanaugh, Assistant Professor
Richard H. Chant, Assistant Professor
Edwidge Crevecoeur-Bryant, Assistant Professor
Jennifer Kane, Assistant Professor
Linda Pickett, Assistant Professor
Christine Weber, Assistant Professor
Zella M. Boulwane, Instructor
Terence Cavanaugh, Visiting Assistant Professor
Jace Hargis, Visiting Assistant Professor
Menia Stone, Visiting Assistant Professor
Rebecca England, Visiting Instructor
Mary Anne Jagnow, Visiting Instructor
Jane Bromagen, Visiting Clinical Instructor
Janet Rotundo, Visiting Clinical Instructor

Purpose and Programs
The purpose of the undergraduate programs in the Division of Curriculum and Instruction is to carry out the goals of the College of Education and Human Services as they specifically relate to the preparation of teachers for pre-kindergarten through the 12th grade and of professionals in other related fields.

Teacher education programs in the division prepare teachers who can respond creatively to the needs of students from diverse backgrounds in the process of promoting their learning. The programs enable preservice teachers to demonstrate research-based pedagogical practices, to expand their content knowledge in order to help students meet the challenges of the 21st century, to use educational technologies thoughtfully, and to appreciate the role of critical thinking in education.
The Division offers undergraduate programs in the following areas:

Elementary Education, with tracks in:
  Pre-Kindergarten - Primary Education (age 3 - grade 3)
  Elementary (grades K - 6)

Middle School Education, with tracks in:
  English/Social Sciences (5-9)
  Mathematics/Science (5-9)

Secondary Education, with majors in:
  Biology
  Chemistry
  English
  Mathematics
  Physics
  Social Sciences

Physical Education, with tracks in:
  K - 12 Physical Education
  Sport Leadership

K-12 Programs:
  Art Education
  Music Education

The division has as its objectives the development of specified competencies needed for effective classroom performance. Laboratory and field experiences of increasing complexity are required and are correlated with theoretical components, providing an opportunity to apply information gathered in the program. Instructional techniques used by the division faculty will be those methods the students are expected to learn.

While the division has formulated specific lists of prerequisite courses, all students are expected to be able to demonstrate basic skills in communication throughout the program. In addition to this, elementary majors will be expected to demonstrate basic skills in mathematics, science, and social sciences within appropriate parts of the program. Further, students are expected to demonstrate behaviors and attitudes commensurate with established standards for professional educators.

Persons seeking certification to teach in schools should follow the prescribed admission requirements for the College of Education and Human Services. A grade of “C” or better is required of all upper- and lower-level courses in order for those courses to be applicable to the program of study or used as prerequisites.

The State of Florida mandates certification requirements for teachers. **Students should see their advisors frequently to obtain appropriate advisement for current certification requirements.**

**Major: Elementary Education**

**Track: Pre-Kindergarten/Primary**

**Degree: Bachelor Of Arts In Education**

**Prerequisites**

(60 SEMESTER HOURS)

Grade of C or higher required

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 1005</td>
<td>3.0</td>
<td>Intro To Education</td>
</tr>
<tr>
<td>EDG 2701</td>
<td>3.0</td>
<td>Tchg Diverse Populat</td>
</tr>
<tr>
<td>EME 2040</td>
<td>3.0</td>
<td>Intr Ed Technologies</td>
</tr>
</tbody>
</table>

In addition to these education courses, 51 hours must be chosen from the liberal arts and sciences areas. These courses may satisfy general education requirements.

Mathematics (9 Semester Hours)

Excludes MAT 1033 and computer courses. Must include geometry

MAC/ MGF/MGT/STA

Natural/physical sciences (9 semester hours)

One course must include a laboratory component.

Must include life science, earth science and physical science

APB/BOT/BSC/ZOO

GLY

CHM/PHY/PSC

Communications (9 semester hours)

Must include writing, literature and speech.

SPC

AML/CLT/CRW/ENC/ENG/ENL/LIS/LIT/SPC

Social sciences (12 semester hours)

PSY (GENERAL PSYCHOLOGY)

PSY 2012 3.0 Intro To Psy

Select 1 (3 credits)

AMH (AMERICAN HISTORY) SELECT AMH 2010 OR AMH 2020

AMH 2010 3.0 U S History To 1877

AMH 2020 3.0 U S His Since 1877

Select 2 (6 credits)


Fine arts or humanities (6 semester hours)

Must include fine arts and philosophy

ARH/HUM/MUH/MUL/MUS/MVS/MUT/ART/EUH/LIT/PHI

**Cultural Diversity Addendum**

Six semester hours with an international or diversity focus.

This requirement may have been satisfied in the first 60 hours. If not previously satisfied, courses may be selected from the list on page 251.

**Core Requirements**

(25 SEMESTER HOURS)

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>3.0</td>
<td>Nature Learner</td>
</tr>
<tr>
<td>EDG 4327</td>
<td>3.0</td>
<td>Assmt Of Lng &amp; Behav</td>
</tr>
<tr>
<td>EDG 4410</td>
<td>3.0</td>
<td>Clsrn Managmt Commun</td>
</tr>
</tbody>
</table>

Clinical Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3945</td>
<td>2-4</td>
<td>Field Lab-I</td>
</tr>
<tr>
<td>EDF 3946</td>
<td>2-4</td>
<td>Field Lab-II</td>
</tr>
<tr>
<td>EDE 4943</td>
<td>12.0</td>
<td>Pract II: St Intern</td>
</tr>
</tbody>
</table>

Application for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.
Cultural Diversity Addendum
Six semester hours with an international or diversity focus.
This requirement may have been satisfied in the first 60 semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (25 SEMESTER HOURS)
EDF 3151 3.0 Nature Learner
EDG 4327 3.0 Assmt Of Lng & Behav
EDG 4410 3.0 Clsrm Managmt Commun

Clinical Requirements
EDF 3945 2-4 Field Lab-I
EDF 3946 2-4 Field Lab-II
EDE 4943 12.0 Pract II: St Intern

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (41 SEMESTER HOURS)
LAET 3210 3.0 Founds Of Literacy
LAET 3211 6.0 Meth/Rsces Lit Dev
LAE 4312 3.0 Meas/Ev/Plan Lit Dev
SCE 3310 3.0 Sci Methods:Elem
SSE 3313 4.0 SoC Study Mthds:Elem
HSC 3301 3.0 Hlth/Mov Ed:Elem Sch
ARE 4313 3.0 Art Methods:Elem Tch
MUE 4210 3.0 Music Methods:Elem
EDG 3324 3.0 Mthds Of Concept Tea
EDG 3312 3.0 Math Methods:Elem
TSL 3550 3.0 Princple & Iss TESOL
TSL 4340 3.0 TESOL Meth & Curricl

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Elementary Education
Track: Elementary Education (K-6)
Degree: Bachelor Of Arts In Education

Prerequisites (60 SEMESTER HOURS)
Grade of C or higher required
EDF 1005 3.0 Intro To Education
EDG 2701 3.0 Tchg Diverse Populat
EME 2040 3.0 Intr Ed Technologies

In addition to these education courses, 51 hours must be chosen from the following liberal arts and sciences areas. These courses may satisfy general education requirements.

Mathematics (9 Semester Hours)
Excludes MAT 1033 and computer courses must include geometry
MAC/MGF/MGT/STA

Natural/physical sciences (9 semester hours)
One course must include a laboratory component.
Must include life science, earth science, physical science
APB/AST/BCH/BOT/BSC/CHM/CHS/EML/GLY/ISC/MB/OCB/OCE
PCB/PHY/PHZ/PSC/ZOO

Communications (9 semester hours)
Must include a writing, literature, and speech.
SPC
AML/CLT/CRW/ENC/ENG/ENL/LIS/LIT/SPC

Social sciences (12 semester hours)
Must include American history and general psycology
Select 1 (3 credits)
PSY/DEP/CSP/CYP/EAB/EDP/EXP/INP/PCO/PPE/PSY
Select 1 (3 credits)
AMH
Select 2 (6 credits)
ANT/CPA/ECO/ECP/ECS/INR/ISS/POT/SOC/SOW/SYA/SOC/SD/STG/STP
URP/PSY/DEP/CLP/CYP/EAB/EDP/EXP/INP/PCO/PPE/PSY

Fine arts or humanities (6 semester hours)
Must include fine art and philosophy
ARH/HUM/MUH/MUL/MUS/MVS/MUT/ART/EUH/LIT/PHI

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Art Education
Track: Art Education (K-12)
Degree: Bachelor Of Arts In Education

Prerequisites (60 SEMESTER HOURS)
Grade of C or higher required
EDF 1005 3.0 Intro To Education
EDG 2701 3.0 Tchg Diverse Populat
EME 2040 3.0 Intr Ed Technologies

In addition to these education courses, 51 hours must be chosen from the following liberal arts and sciences areas. These courses may satisfy general education requirements.

Mathematics (9 Semester Hours)
Excludes MAT 1033 and computer courses must include geometry
MAC/MGF/MGT/STA

Natural/physical sciences (9 semester hours)
One course must include a laboratory component.
Must include life science, earth science, physical science
APB/AST/BCH/BOT/BSC/CHM/CHS/EML/GLY/ISC/MB/OCB/OCE
PCB/PHY/PHZ/PSC/ZOO

Communications (9 semester hours)
Must include a writing, literature, and speech.
SPC
AML/CLT/CRW/ENC/ENG/ENL/LIS/LIT/SPC

Social sciences (12 semester hours)
Must include American history and general psycology
Select 1 (3 credits)
PSY/DEP/CSP/CYP/EAB/EDP/EXP/INP/PCO/PPE/PSY
Select 1 (3 credits)
AMH
Select 2 (6 credits)
ANT/CPA/ECO/ECP/ECS/INR/ISS/POT/SOC/SOW/SYA/SOC/SD/STG/STP
URP/PSY/DEP/CLP/CYP/EAB/EDP/EXP/INP/PCO/PPE/PSY

Fine arts or humanities (6 semester hours)
Must include fine art and philosophy
ARH/HUM/MUH/MUL/MUS/MVS/MUT/ART/EUH/LIT/PHI

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.
Additional course work in life and physical science required

Select One Life Science
- BSC 1010 C 4.0 General Biology I
- BSC 1930 2.0 Curr Appl In Bio

Select 1 Physical Sci
- CHM 1025 C 3.0 Intro To Chemistry
- CHM 2045 C 4.0 Gen Chemistry I
- PHY 1020 C 3.0 Introduction Physics
- PHY 2053 3.0 Algebra Physics I
- PHY 2053 L 1.0 Algerb Physics I Lab

Communication (9hrs)
Must include writing, literature, and speech.
- ENC 1101 3.0 G(6)College Writing
- LIT 2110 3.0 G(6)Intro Literature
- LIT 2932 3.0 G(6)Theme/Types Lit

Mathematics (9 Sem Hrs)
Must include a credit in geometry
- MGF 1107 3.0 G(M)Explor In Math

Take Two Additional Math
- MAC/MGF/MTG/STA

Social Sci (12 Sem Hrs)
Must include a general psychology and an American history
- PSY 2012 3.0 Intro To Psy

Choose One US History
- AMH 2000 3.0 U.S. History Survey
- AMH 2010 3.0 U S History To 1877
- AMH 2020 3.0 U S His Since 1877

Choose 2 other social science classes.

Foundation (12 SEMESTER HOURS)
- ART 2301 C 3.0 Drawing II
- ART 2203 C 3.0 Three Dim Design
- ART 2500 C 3.0 Painting Fundamental
- ARH 2051 3.0 Art Hist Surv II

Cultural Diversity Addendum (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (28 SEMESTER HOURS)
- EDF 3151 3.0 Nature Learner
- RED 3333 3.0 Reading Methd I:Sec
- EDG 4327 3.0 Assmt Of Lng & Behav
- EDG 4410 3.0 Clsrn Managmt Commun

Clinical Requirements
- EDF 3945 2-4 Field Lab-I
- EDF 3946 2-4 Field Lab-II

Select One Course
- ESE 4943 1-12 Student Internship
- EDE 4943 12.0 Pract II: St Intern

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (25 SEMESTER HOURS)
- ARE 4353 4.0 Art Methods K-12
- ARH 4800 3.0 Aesthetics Of Art
- ART 3786 C 3.0 Ceramics
- ART 4965 C 3.0 Fine Art Portfolio
- ART 3504 C 3.0 Painting Studio
- ART 2400 C 3.0 Printmaking
- ART 3707 C 3.0 Sculpture Process

Take One Of The Following
- PGY 2401 C 3.0 Photography In B&W
- ART 4610 C 3.0 Digital Imaging

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Music Education
Track: Music (K-12)
Degree: Bachelor Of Arts In Education

Prerequisites (60 SEMESTER HOURS)
- EDF 1005 3.0 Intro To Education
- EDG 2701 3.0 Tchg Diverse Populat
- EME 2040 3.0 Intr Ed Technologies
- MUT 1112 3.0 Theory II
- MUT 2116 3.0 Theory III

Mathematics (9 semester hours)
Excludes MAT 1033 & computer courses
must include credit in Geometry
- MGF 1107 3.0 G(M)Explor In Math

Take two additional math classes MAC/MGF/MTG/STA

Natural sciences (9 semester hours)
One course must include a laboratory component
Must include life science, earth science, physical science
Earth/earth & space science GLY/ISC
- GLY 2001 C 3.0 Earth Science

Life Science.
- APB/BOT/BSC/MCB/OCE/PCB/ZOO

Physical Science
- AST/BCH/CHM/CHS/EML/PHY/PHZ

Communications (9 semester hours)
Must include speech, writing and literature.
- ENC 1101 3.0 G(6)College Writing
- LIT 2110 3.0 G(6)Intro Literature
- LIT 2932 3.0 G(6)Theme/Types Lit

Social sciences (12 semester hours)
- PSY 2012 3.0 Intro To Psy
- AMH 2000 3.0 U S History Survey

Take two additional social science classes
Humanities (6 semester hours)
A philosophy and a fine arts are required
MUT 1111 satisfies humanities fine arts
    MUT 1111 3.0 Theory I

Take PHI or any other course that includes philosophy
PHI

Foundation (19 SEMESTER HOURS)
MUT 2117 3.0 Theory IV
MUT 1241 1.0 Theory I, Aural
MUT 1242 1.0 Theory II, Aural
MUT 2246 1.0 Aural Theory Adv
MUT 2247 1.0 Aural Theory Adv

Acceptable substitutes for Theory I, II, III, IV: MUT 1121, MUT 1122, MUT 2126, and MUT 2127.
Acceptable substitutes for aural: MUT 1221, MUT 1222, MUT 2226, and MUT 2227 or MUT 1261, MUT 1262, MUT 2266, and MUT 2267 or MUT 1271, MUT 1272, MUT 2276, and MUT 2277.

Select 4 credit hours of applied music at the 1000 level
The college recommends one MVV 1111
    MVV/MVJ/MVK/MVP/MVV/MVJ/MVS

Select 4 credit hours of applied music at the 2000 level
MVB/MVK/MVP/MVV/MVJ/MVS

Ensembles (4 Credit Hours)
MUN

Successful completion of the piano proficiency examination or class piano.
Acceptable substitutes MVK 1111, MVK 1112, MVK 2121, and MVK 2122 or MVK 111r, MVK 112r, MVK 2121r, and MVK 2122r or MVK 1211 and 2221.

Requisites (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus.
This requirement may have been satisfied in the first 60 hours.
If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (28 SEMESTER HOURS)
EDF 3151 3.0 Nature Learner
EDG 4327 3.0 Assmt Of Lng & Behav
EDG 4440 3.0 Clsrn Managmt Commun
RED 3333 3.0 Reading Methd I:Sec

Clinical Requirements
EDF 3945 2-4 Field Lab-I
EDF 4946 2-4 Field Lab-II

Select One Course
ESE 4943 1-12 Student Internship
EDE 4943 12.0 Pract II: St Intern

Field assignments will be made to ensure that music education majors have experiences at the K-12 levels. Thus, the school assignments for Field I, Field II, and internship will include one elementary school site, one middle/junior high school site, and one secondary school site. One of these school sites must be at an urban setting.

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (22 SEMESTER HOURS)
MUE 2460 1.0 Brasswind Techniques
MUE 2440 1.0 String Techniques
MUE 2450 1.0 Woodwind Techniques
MUE 2470 1.0 Percussion Technique
MUE 3480 1.0 March Band Tech
MUE 4311 3.0 Music Edu Elem Schl
MUE 4330 3.0 Music Edu Sec Schl
MUH 3211 3.0 Music History I
MUH 3212 3.0 Music History II
MUG 3104 2.0 Basic Conducting
MUT 3611 3.0 Form And Analysis

Major Electives (3000 - 4000 LEVEL) (11 SEMESTER HOURS)
Applied Music (3 Courses)
    MVB/MVJ/MVK/MVP/MVS/MVV/MVJ/MVS

Select One
MUE 3491 2.0 Choral Mtrls Prctm
MUE 3332 2.0 Instr Mtrls Practicm

Recital
Must complete half or joint recital prior to graduation.
* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Middle School Education
Track: English/Social Sciences
Degree: Bachelor Of Arts In Education

Prerequisites (60 SEMESTER HOURS)
Grade of C or higher required
EDF 1005 3.0 Intro To Education
EDG 2701 3.0 Tchg Diverse Populat
EME 2040 3.0 Intr Ed Technologies
ENC 1102 3.0 G(6)Informed Writer
POS 2041 3.0 Intro American Gov

Communications (9 semester hours)
Must include writing, literature, and speech.
ENC 1101 3.0 G(6)College Writing
LIT 2110 3.0 G(6)Intro Literature
LIT 2932 3.0 G(6)Theme/Types Lit

Social sciences (12 semester hours)
Must include a general psychology and an American history
PSY 2012 3.0 Intro To Psy
US History
AMH 2010 3.0 U S History To 1877
AMH 2020 3.0 U S His Since 1877
GEO 2420 3.0 CD-Cultural Geogrphy

Mathematics (9 Semester Hours)
Must include a geometry
MGF 1107 3.0 G(M)Explor In Math
Must take two additional math classes
MAC/MGF/MTG/STA
Natural sciences (9 semester hours)
Must include a credit in earth science, life science, and physical science with at least one associated lab.

Earth science
GLY 2001 C 3.0 Earth Science

Choose 1 Physical Science
CHM 2045 C 4.0 Gen Chemistry I
CHM 1025 C 3.0 Introductory Chemistry
PHY 1020 C 3.0 Introduction Physics
PHY 2053 3.0 Algebra Physics I
PHY 2053 L 1.0 Algerb Physics I Lab

Choose 1 Life Science
BSC 1010 C 4.0 General Biology I
BSC 1930 2.0 Curr Apps In Bio

Humanities (6 semester hours)
Must include a credit in philosophy and fine arts.

Choose 1 Fine Arts
ARH 2000 3.0 Art Appreciation
ARH 2050 3.0 Art Hist Surv I
ARH 2051 3.0 Art Hist Surv II
MUH 2012 3.0 Enjoymnt Of Music
MUH 2018 3.0 Evolution Of Jazz
MUT 1111 3.0 Theory I

Choose 1 Philosophy
PHI 2010 3.0 G(3)Intro To Philos
PHI 2100 3.0 G(3)Reas&Crit Thnkng
PHI 2630 3.0 G(3)Contpm Ethic Iss

Foundation (03 SEMESTER HOURS)
One World History/Western Civi
EUH 1000 3.0 G(3)Freshman Core I
EUH 1001 3.0 G(3)Freshman Core II

Cultural Diversity Addendum (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus.
This requirement may have been satisfied in the first 60 semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (25 SEMESTER HOURS)
EDF 3151 3.0 Nature Learner
EDG 4327 3.0 Assmt Of Lng & Behav
EDG 4410 3.0 Clsrn Managmt Commun

Clinical Requirements
EDF 3945 2-4 Field Lab-I
EDF 3946 2-4 Field Lab-II
ESE 4943 1-12 Student Internship

Application for fall internships are due the 4th Friday of the previous spring term. Applications for spring term internships are due the 4th Friday of the previous fall term.

Major Requirements (42 SEMESTER HOURS)
EDG 4205 3.0 Mid Sch Phil/Curr
ENC 3310 3.0 G(6)Writing Prose
LIT 3333 3.0 G(3)Adol Lit
AML 3041 3.0 G(3)Per Late Am Lit
LIN 3010 3.0 Prin Of Linguistics
LAE 4323 3.0 Mid Grades Eng Meth
SSE 4324 3.0 Mid Grades Soc Meth
AMH 3420 3.0 Florida History
RED 3333 3.0 Reading Methd I:Sec
EEX 3252 3.0 Lang Arts:Expt Lms
ECO 3622 3.0 Amer Econ History

RED 3310 3.0 Reading Methd I:Elem
TSL 3550 3.0 Princple & Iss TESOL
TSL 4340 3.0 TESOL Meth & Curricul

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Middle School Education
Track: Math/Science Option
Degree: Bachelor Of Arts In Education

Prerequisites (60 SEMESTER HOURS)
Minimum grade of “C” required in all course work.
Grade of C or higher required
EDF 1005 3.0 Intro To Education
EDG 2701 3.0 Tchg Diverse Populat
EME 2040 3.0 Intr Ed Technologies

Mathematics
At least 12 hours of math, College Algebra or above, to include Calculus and Trigonometry.
MAC 1105 3.0 G(M) College Algebra
MAC 2311 4.0 G(M) Calculus I
STA 2014 3.0 G(M)Elem Sta-Hlth/SS
MAC 1147 may substitute for (MAC 1114 & MAC 1105 together)
One Additional Math Class
MAA/MAC/MAD/MAS/MGF/MTG/STA

Humanities (6 Semester Hours)
Must include a general psychology and an American history
PSY 2012 3.0 Intro To Psy
Chose one from below
AMH 2000 3.0 U.S. History Survey
AMH 2010 3.0 U S History To 1877
AMH 2020 3.0 U S His Since 1877

Choose 2 other social science classes.

Prerequisite
MAC 1114 2.0 G(M)Trigonometry

Cultural Diversity Addendum  (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) Semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements  (28 SEMESTER HOURS)
EDF 3151 3.0 Nature Learner
EDG 3323 3.0 The Learning Process
EDG 4327 3.0 Assmt Of Lng & Behav
EDG 4410 3.0 Clsrn Managmt Commun

Clinical Requirements
EDF 3945 2-4 Field Lab-I
EDF 3946 2-4 Field Lab-II
ESE 4943 1-12 Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements  (32 SEMESTER HOURS)
EDG 4205 3.0 Mid Sch Phil/Curr
EEX 3251 3.0 Dev Skls/Math Prbms
MAE 4320 3.0 Mid Grades Math Meth
SCE 4320 3.0 Mid Grades Sci Meth
RED 3333 3.0 Reading Methd I.Sec
PHI 4400 3.0 Philosophy Of Sci
MTG 3203 3.0 Gr(M)Gtry Mdl Sch Tch

Select 1 CHM Or PHY W/Lab
CHM/PHY

Select Additional Math
MAA MAC MAD MAE MAP MAS MA T MGF MHF MTG

Select One PE Class
PEL/PEM/PEN

1 Computer Programming Course
COP

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation.
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: English Education
Track: English (6-12)
Degree: Bachelor Of Arts In Education

Prerequisites  (60 SEMESTER HOURS)
Grade of C or higher required
EDF 1005 3.0 Intro To Education
EDG 2701 3.0 Tchg Diverse Populat
EME 2040 3.0 Intr Ed Technologies
SPC 2600 3.0 Public Speaking

One Additional Lit Class
ENL 3501 3.0 G(3)Prds Ely Brt Lit
AML 3031 3.0 G(3)Per Ear Amer Lit
ENL 3503 3.0 G(3)Prds Ltr Brt Lit
AML 3041 3.0 G(3)Per Late Am Lit

Or
AML/CRW/ENC/ENG/ENL/LIT/CLT

Communications 9 Sem Hrs
ENC 1101 3.0 G(6)College Writing
LIT 2110 3.0 G(6)Intro Literature
LIT 2932 3.0 G(6)Theme/Types Lit

Math 9 Hrs With Credit In Geom
MGF 1107 3.0 G(M)Explor In Math

Two Additional Maths
MAC/MTG/STA

Humanities 6 hrs
Philosophy
PHI

Fine Arts
ARH/MUH/MUT

Social Sciences (12 Sem Hrs)
PSY 2012 3.0 Intro To Psy
AMH 2020 3.0 U S His Since 1877

Take Two Additional Social Sci

Science 9 Hrs
Must include credit in earth science, life science, and physical science with at least one associated lab
GLY 2001 C 3.0 Earth Science
Life and physical sci credit
Life Science
APB/BOT/BSC/ISC/MCB/OCB/OCE/PCB/PHZ/PSC/ZOO
Physical Science
AST/BCH/CHM/CHS/EML/PHY/PHZ/PSC

Cultural Diversity Addendum  (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements  (28 SEMESTER HOURS)
EDF 3151 3.0 Nature Learner
EDG 3323 3.0 The Learning Process
EDG 4327 3.0 Assmt Of Lng & Behav
EDG 4410 3.0 Clsrn Managmt Commun
Clinical Requirements
EDF 3945 2-4 Field Lab-I
EDF 3946 2-4 Field Lab-II
ESE 4943 1-12 Student Internship

Applications for fall internships are due 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (39 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Description</th>
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<tbody>
<tr>
<td>LAE 4335</td>
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<tr>
<td>ENG 4014</td>
<td>3.0</td>
<td>G(3) Literary Inter</td>
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<tr>
<td>RED 3333</td>
<td>3.0</td>
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<tr>
<td>AML 3621</td>
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<td>G(3)Black Amer. Lit.</td>
</tr>
<tr>
<td>LIT 3333</td>
<td>3.0</td>
<td>G(3)Adol Lit</td>
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<td>ENL 3333</td>
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<td>Shakespre</td>
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<tr>
<td>ENC 3310</td>
<td>3.0</td>
<td>G(6)Writing Prose</td>
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<tr>
<td>LIN 3010</td>
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<tr>
<td>AML 3154</td>
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<td>G(3)American Poetry</td>
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<td>ENG 4105</td>
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<tr>
<td>ENL 3112</td>
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<td>G(3)British Novel I</td>
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<tr>
<td>ENL 3132</td>
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<td>G(3)British Novel II</td>
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<td>LIT 3043</td>
<td>3.0</td>
<td>G(3)Mod Contimp Drama</td>
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<td>LIT 3331</td>
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<td>G(3)Children’s Lit</td>
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<tr>
<td>LIT 4041</td>
<td>3.0</td>
<td>Stdy In Drama</td>
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<tr>
<td>LIT 3045</td>
<td>3.0</td>
<td>Periods Of Drama Lit</td>
</tr>
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* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Mathematics Education
Track: Math (6-12)
Degree: Bachelor Of Arts In Education

Prerequisites (61 SEMESTER HOURS)
Grade of “C” or better required in all coursework

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tr>
<td>EDF 1005</td>
<td>3.0</td>
<td>Intro To Education</td>
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<tr>
<td>EDG 2701</td>
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<td>Tchg Diverse Populat</td>
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<tr>
<td>EME 2040</td>
<td>3.0</td>
<td>Intr Ed Technologies</td>
</tr>
<tr>
<td>COP 2220</td>
<td>3.0</td>
<td>Intro To C</td>
</tr>
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</table>

Or select one programming class with COP prefix

English 9 Credits
- ENC 1101 3.0 G(6)College Writing
- LIT 2110 3.0 G(6)Intro Literature
- LIT 2932 3.0 G(6)Theme/Types Lit

Mathematics 12 Credits
- MAC 1147 4.0 G(M)Pre-Calculus
- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II

Humanities 6 credits
- Select 1 non-appl fine arts and one philosophy

Select One
- ARH 2000 3.0 Art Appreciation
- ARH 2050 3.0 Art Hist Surv I
- ARH 2051 3.0 Art Hist Surv II
- MUH 2012 3.0 Enjoymnt Of Music
- MUH 2018 3.0 Evolution Of Jazz
- MUT 1111 3.0 Theory I

Select One
- PHI 2010 3.0 G(3)Intro To Philos
- PHI 2100 3.0 G(3)Reas&Crit Thinkg
- PHI 2630 3.0 G(3)Contpm Ethic Iss

Social sciences 12 credits

Required
- PSY 2012 3.0 Intro To Psy
- AMH 2020 3.0 U S His Since 1877

Additional Soc Sci
- Choose two additional social science classes

Phy Sci Select One
- PHY 2053 3.0 Algebra Physics I
- PHY 2053 L 1.0 Algeb Physics I Lab
- PHY 1020 C 3.0 Introduction Physics
- CHM 1025 C 3.0 Intro To Chemistry
- CHM 2045 C 4.0 Gen Chemistry I

Cultural Diversity Addendum (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (31 SEMESTER HOURS)

<table>
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<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tr>
<td>EDF 3151</td>
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<td>Nature Learner</td>
</tr>
<tr>
<td>EDG 3323</td>
<td>3.0</td>
<td>The Learning Process</td>
</tr>
<tr>
<td>EDG 4327</td>
<td>3.0</td>
<td>Assmt Of Lng &amp; Behav</td>
</tr>
<tr>
<td>EDG 4410</td>
<td>3.0</td>
<td>Clsrm Managmt Commun</td>
</tr>
<tr>
<td>RED 3333</td>
<td>3.0</td>
<td>Reading Methd I:Sec</td>
</tr>
</tbody>
</table>

Clinical Requirements
- EDF 3945 2-4 Field Lab-I
- EDF 3946 2-4 Field Lab-II
- ESE 4943 1-12 Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (32 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 2313</td>
<td>4.0</td>
<td>G(M) Calculus III</td>
</tr>
<tr>
<td>MAS 3105</td>
<td>4.0</td>
<td>G(M)Linear Algebra</td>
</tr>
<tr>
<td>MHF 3404</td>
<td>3.0</td>
<td>G(M) Histy Mathmctic</td>
</tr>
<tr>
<td>STA 3421</td>
<td>4.0</td>
<td>G(M)Prob &amp; Statistcs</td>
</tr>
<tr>
<td>MHE 3202</td>
<td>3.0</td>
<td>Foundations Of Math</td>
</tr>
<tr>
<td>MAS 3203</td>
<td>3.0</td>
<td>G(M)Number Theory</td>
</tr>
</tbody>
</table>
MTG 3212 3.0  Gr(M)Modern Geometry
MAA 4200 4.0  Mathemat Analysis

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Science Education
Track: Biology (6-12)
Degree: Bachelor Of Arts In Education

Prerequisites
Grade of C or higher required
EDF 1005 3.0  Intro To Education

Communications (9 sem hrs)
ENC 1101 3.0  G(6)College Writing
LIT 2110 3.0  G(6)Intro Literature
LIT 2932 3.0  G(6)Theme/Types Lit

Mathematics (11 sem hrs)
MGF 1107 3.0  Gr(M)Explor In Math
MAC 1147 4.0  G(M)Pre-Calculus
MAC 2311 4.0  G(M) Calculus I

Humanities (6 sem hrs)
Must have credit in philosophy and fine arts
ARH/MUH/PHH/PHI/PHM

Social sciences (12 sem hrs)
PSY 2012 3.0  Intro To Psy
AMH 2020 3.0  U S His Since 1877

Take Two Additional Social Science Classes
ANT/CPO/ECP/ECU/INR/ISS/POT/SOC/SOW/SYA/
SYD/SYF/SYP/URP/CLP/CYP/DEP/EDP/EXP/INP/PCO/
PPE/PSB/PSY/SOP

Natural/physical science (11 sem hrs)
Must include credit in earth science, life science, and physical science.
GLY 2001 C 3.0  Earth Science
BSC 1010 C 4.0  General Biology I
CHM 2045 C 4.0  Gen Chemistry I
Bioby With Lab (4 semester hours)
BSC 1011 C 4.0  General Biology II
Chemistry Or Physics With Lab
(except CHM 1025C & PHY 1020C)
(4 semester hours) note: chemistry preferred
CHM 2046 C 4.0  Gen Chemistry II
PHY 2053 3.0  Algebra Physics I
PHY 2053 L 1.0  Algerb Physics I Lab

Foundation (09 SEMESTER HOURS)
EDG 2701 3.0  Tchg Diverse Populat
EME 2040 3.0  Intr Ed Technologies

NATURAL/PHYSICAL SCIENCE ELECTIVE (3 SEM HRS)
AST/BCH/BOT/BSC/CHM/CHS/MCB/PCB/PHY/PHZ/PSC/ISC/
ZOO

Cultural Diversity Addendum  (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (28 SEMESTER HOURS)
EDF 3151 3.0  Nature Learner
EDG 3323 3.0  The Learning Process
EDG 4327 3.0  Assmt Of Lng & Behav
EDG 4410 3.0  Clsrn Managmt Commun

Clinical Requirements
EDF 3945 2-4  Field Lab-I
EDF 3946 2-4  Field Lab-II
ESE 4943 1-12  Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (34 SEMESTER HOURS)
SCE 4330 3.0  Spc Meth:Scndry Sci
RED 3333 3.0  Reading Methd I:Sec
CHM 2210 3.0  Organic Chem I Lect
CHM 2210 L 1.0  Organic Chem I Lab
PCB 3063 C 4.0  Genetics
PCB 3043 C 4.0  Ecology
MCB 3930 C 4.0  Microbial Biology
PCB 3023 C 4.0  Molecular & Cell Bio
BSC 2020 C 4.0  Human Biology
PHY 2053 3.0  Algebra Physics I
PHY 2053 L 1.0  Algerb Physics I Lab

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Science Education
Track: Chemistry (6-12)
Degree: Bachelor Of Arts In Education

Prerequisites
Grade of C or higher required
EDF 1005 3.0  Intro To Education
CHM 2046 C 4.0  Gen Chemistry II
BSC 1011 C 4.0  General Biology II

Communication (9 sem hrs)
ENC 1101 3.0  G(6)College Writing
LIT 2110 3.0  G(6)Intro Literature
LIT 2932 3.0  G(6)Theme/Types Lit

Mathematics (11 sem hrs)
MGF 1107 3.0  G(M)Explor In Math
MAC 2311 4.0  G(M) Calculus I

Humanities (6 sem hrs)
Must have credit in philosophy and fine arts
ARH/MUH/PHH/PHI/PHM

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Natural/physical science (11 sem hrs)
Must include credit in earth science, life science, and physical science.
GLY 2001 C 3.0  Earth Science
BSC 1010 C 4.0  General Biology I
CHM 2045 C 4.0  Gen Chemistry I
Bioby With Lab 4 semester hours
BSC 1011 C 4.0  General Biology II
Chemistry Or Physics With Lab
(except CHM 1025C & PHY 1020C)
(4 semester hours) note: chemistry preferred
CHM 2046 C 4.0  Gen Chemistry II
PHY 2053 3.0  Algebra Physics I
PHY 2053 L 1.0  Algerb Physics I Lab

Foundation (09 SEMESTER HOURS)
EDG 2701 3.0  Tchg Diverse Populat
EME 2040 3.0  Intr Ed Technologies

NATURAL/PHYSICAL SCIENCE ELECTIVE (3 SEM HRS)
AST/BCH/BOT/BSC/CHM/CHS/MCB/PCB/PHY/PHZ/PSC/ISC/
ZOO

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.
Social sciences (12 sem hrs)
- PSY 2012 3.0 Intro To Psy
- AMH 2020 3.0 U S His Since 1877

Choose two additional social science classes

Natural/physical science (11 sem hrs)
Must include credit in earth science, life science and physical science.
- CHM 2045 C 4.0 Gen Chemistry I
- GLY 2001 C 3.0 Earth Science
- BSC 1010 C 4.0 General Biology I

Foundation (10 SEMESTER HOURS)
- EDG 2701 3.0 Tchg Diverse Populat
- EME 2040 3.0 Intr Ed Technologies
- PHY 2053 3.0 Algebra Physics I Lab
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab

Cultural Diversity Addendum (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (28 SEMESTER HOURS)
- EDF 3151 3.0 Nature Learner
- EDG 3323 3.0 The Learning Process
- EDG 4327 3.0 Assmt Of Lng & Behav
- EDG 4410 3.0 Clsrm Managmt Commun

Clinical Requirements
- EDF 3945 2-4 Field Lab-I
- EDF 3946 2-4 Field Lab-II
- ESE 4943 1-12 Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

Major Requirements (34 SEMESTER HOURS)
- SCE 4330 3.0 Spc Meth:Scndry Sci
- RED 3333 3.0 Reading Methd I:Sec
- CHM 3120 C 4.0 Quant Analyticl Chem
- CHM 2210 3.0 Organic Chem I Lect
- CHM 2210 L 1.0 Organic Chem I Lab
- CHM 2211 3.0 Organic Chemistry II
- CHM 2211 L 1.0 Organic Chem II Lab
- CHM 3610 C 4.0 Inorganic Chemistry
- CHM 4410 C 4.0 Physical Chemistry I

Chose one of the following chemistry classes
- BCH 4033 3.0 Biochemistry
- BCH 4033 L 1.0 Biochemistry Lab
- CHM 4130 C 5.0 Mod Analytical Chem
- CHS 4445 3.0 Environmental Chem
- CHS 4445 L 1.0 Envir Chemistry Lab

Take either. (must be consistent with earlier PHY course)
- PHY 2054 3.0 Algebra Physics II
- PHY 2054 L 1.0 Algeb Physics II Lab

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

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

Major: Science Education
Track: Physics (6-12)
Degree: Bachelor Of Arts In Education

Required Courses
Grade of C or higher required
- EDF 1005 3.0 Intro To Education
- ENC 1101 3.0 G(6)College Writing
- LIT 2110 3.0 G(6)Intro Literature
- LIT 2932 3.0 G(6)Theme/Types Lit
- MGF 1107 3.0 G(M)Explor In Math
- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II

Must have credit in philosophy and fine arts
- ARH/MUH/PHH/PHI/PHM

Choose two additional social science classes

GLY 2001 C 3.0 Earth Science
- BSC 1010 C 4.0 General Biology I
- CHM 2045 C 4.0 Gen Chemistry I

Additional Req Sci
- PHY 2048 4.0 Calculus Physics I
- PHY 2049 4.0 Calculus Physics II

Foundation (11 SEMESTER HOURS)
- EDG 2701 3.0 Tchg Diverse Populat
- EME 2040 3.0 Intr Ed Technologies
- SCI Lab
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 L 1.0 Calc Physics II Lab

Natural/physical science elective (3 sem hrs)
- AST/BCH/BOT/BSC/CHM/CHS/MCB/PCB/PHY/PHZ/PSC/ISC/ZOO

Cultural Diversity Addendum (06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 251.

Core Requirements (28 SEMESTER HOURS)
- EDF 3151 3.0 Nature Learner
- EDG 3323 3.0 The Learning Process
Applications for fall internships are due the 4th Friday of the previous spring term. Applications for the spring internship are due the 4th Friday of the previous fall term.

**Major Requirements (32 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<td>EDF 2701</td>
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<td>EME 2040</td>
<td>Intr Ed Technologies</td>
</tr>
<tr>
<td>POS 2041</td>
<td>Intro American Gov</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>Intro To Psy</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>U S His Since 1877</td>
</tr>
</tbody>
</table>

Student must have a total of 5 different social sciences from different disciplines American Government, Core, and Introduction to Psychology satisfy three of the social science core.

Take two additional social science class

Additional Soc Sci

Select two

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEO 2420</td>
<td>CD-Cultural Geography</td>
</tr>
<tr>
<td>ANT 2000</td>
<td>CD-Intro Anthropology</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Princ Macroeconomics</td>
</tr>
<tr>
<td>SYG 2000</td>
<td>Intro To Sociology</td>
</tr>
</tbody>
</table>

Mathematics 9 Shrs

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGF 1107</td>
<td>G(M)Explor In Math</td>
</tr>
</tbody>
</table>

Take two additional math classes from list below

MAC/MGF/MTG/STA

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.

* Grade of C or better required for all courses on the program of study.

* 2.5 UNF GPA is required to be eligible for internship & graduation

* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

**Major: Social Science Education**

**Track: Social Science (6-12)**

**Degree: Bachelor Of Arts In Education**

**Prerequisites (60 SEMESTER HOURS)**

**Required Courses**

- Grade of C or higher required
  - EDF 1005: Intro To Education (3.0)
  - EDG 2701: Thcy Diverse Populat (3.0)
  - EME 2040: Intr Ed Technologies (3.0)
  - POS 2041: Intro American Gov (3.0)

- Social Science 12 Sem Hrs
  - PSY 2012: Intro To Psy (3.0)
  - AMH 2020: U S His Since 1877 (3.0)

- Student must have a total of 5 different social sciences from different disciplines American Government, Core, and Introduction to Psychology satisfy three of the social science core.

- Take two additional social science class

**Additional Soc Sci**

**Select two**

- GEO 2420: Cultural Geography (3.0)
- ANT 2000: Intro Anthropology (3.0)
- ECO 2013: Macroeconomics (3.0)
- SYG 2000: Intro To Sociology (3.0)

**Requisites (06 SEMESTER HOURS)**

Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 251.

**Core Requirements (28 SEMESTER HOURS)**

**Required Courses**

- EDF 3151: Nature Learner (3.0)
- EDG 3323: The Learning Process (3.0)
- EDG 4327: Assmt Of Lng & Behav (3.0)
- EDG 4410: Clsrm Managmt Commun (3.0)

**Clinical Requirements**

- EDF 3945: Field Lab-I (2.4)
- EDF 3946: Field Lab-II (2.4)
- ESE 4943: Student Internship (1.12)

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (32 SEMESTER HOURS)**

**Required Courses**

- HIS 3051: Craft Of Histrn (4.0)
- SSE 4384: Spec Methd: Soc St (4.0)
- RED 3333: Reading Methd L:Sec (3.0)
GEO 3370 3.0 Conservation-Nat Res
INR 3016 3.0 Global Iss Cont Pol
AMH 3420 3.0 Florida History
ECO 3622 3.0 Amer Econ History
LAH 3300 3.0 CD-(FC)Mod Lat Amer
Or Any LAH-3000 Level Cour
LAH

Any ASH 3000-level Course
ASH

Any History 3000-level Course
Note: if AMH 2000 was not taken to meet prerequisites, this course
must be any AMH 3000-level course other than AMH 3420.

AFH AMH ASH EUH HIS LAH WOH

* You must submit passing scores on all four parts of the CLAST exam for
  admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
  enrollment will most likely be delayed if you attempt concurrent
  enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge
  Exam prior to graduating is required for endorsement.

Major: Physical Education
Track: Physical Education (K-12)
Degree: Bachelor Of Arts In Education

Prerequisites
(60 SEMESTER HOURS)
Required Courses
Grade of C or higher required
EDF 1005 3.0 Intro To Education
EDG 2701 3.0 Tchg Diverse Populat

Select 4-5 credit hours of skill development courses in physical activities
PEL/PEN/PEM/PEO/PEP/PEQ

Select Three Hours
PEM 1104 1.0 Physical Conditionng
PEM 1131 1.0 Weight Training
PEM 1930 1.0 Aerobic Dance
PEN 2172 1.0 Fitness Swimming

Natural science 11 semester hours
Must include credit in earth science, life science, and physical science
with at least one associated lab.
Life Science
BSC 2085 C 4.0 Anatomy/Physiology I
Earth Science
GLY 2001 C 3.0 Earth Science
Physical Science
Select either CHM or PHY
CHM 2045 C 4.0 Gen Chemistry I
PHY 2053 3.0 Algebra Physics I
PHY 2053 L 3.0 Algebr Physics I Lab

Communication 9 Hrs
Must include writing, literature, and speech.
ENC 1101 3.0 G(6)College Writing
LIT 2110 3.0 G(6)Intro Literature
LIT 2932 3.0 G(6)Theme/Types Lit

Soc Sci 12 Shrs.
Must include a general psychology and an American history
PSY 2012 3.0 Intro To Psy

Select one from the following
AMH 2000 3.0 U.S. History Survey
AMH 2010 3.0 U S History To 1877
AMH 2020 3.0 U S His Since 1877

Choose 2 other social science classes from list below

Mathematics 9 Shrs
MGF 1107 3.0 G(M)Explor In Math

Select two additional math classes from list below
MAC/MGF/MTG/STA CLASSES

Humanities (6 Semester Hours)
Must include a credit in philosophy and fine arts.
ARH/HUM/MUH/MUL/MUS/MVS/MUTI/ART/PHI

Foundation
(06 SEMESTER HOURS)
Required
EME 2040 3.0 Intr Ed Technologies
Take 1 Of The Following
PET 2622 3.0 Care/Prev Sprt Injur
BSC 2086 C 4.0 Anat/Physiology II

Cultural Diversity Addendum
(06 SEMESTER HOURS)
Six semester hours with an international or diversity focus. This
requirement maybe satisfied in the first sixty (60) semester hours. If
not previously satisfied, courses may be selected from the list on
page 251.

Core Requirements
(28 SEMESTER HOURS)
Required Courses
EDG 3323 3.0 The Learning Process
EDG 4327 3.0 Assmt Of Lng & Behav
EDG 4410 3.0 Clsrn Managt Commun

RED 3310 3.0 Reading Methd I:Elem
Or
RED 3333 3.0 Reading Methd I:Sec

Clinical Requirements
EDF 3945 2-4 Field Lab-I
EDF 3946 2-4 Field Lab-II
PET 4945 L 12 Student Teaching

Applications for fall internships are due the 4th Friday of the
previous spring term. Applications for spring internships are due the
4th Friday of the previous fall term.

Major Requirements
(35 SEMESTER HOURS)
Required Courses
PEO 4041 3.0 Games Elem School
PET 3351 C 3.0 Physiology Of Exerc
DAE 3310 3.0 Dance Elem School
PEP 3205 3.0 Gymn/Body Mgt Ele Sch
PET 3311 3.0 Kines & Motor Behav
PET 4640 2.0 Adapted Phys Educ
PET 4401 3.0 Admin Phys Ed/Sport
PET 3713 3.0 Spec Mth Cur K8/6-12
PEO 4004 3.0 Theory/Prac In Coach
PET 2622 3.0 Care/Prev Sprt Injur
PEO 2011 3.0 Teaching Team Sports
PEO 2031 3.0 Tch Indiv/Dual Sport
* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

**Major: Physical Education**

**Track: Physical Education: Sport Leadership**

**Degree: Bachelor Of Arts In Education**

### Prerequisites (60 SEMESTER HOURS)

Grade of C or higher required

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 1005</td>
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<td>Intro To Education</td>
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</table>

Communications

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENC 1101</td>
<td>3.0</td>
<td>G(6)College Writing</td>
</tr>
<tr>
<td>LIT 2110</td>
<td>3.0</td>
<td>G(6)Intro Literature</td>
</tr>
<tr>
<td>LIT 2932</td>
<td>3.0</td>
<td>G(6)Theme/Types Lit</td>
</tr>
</tbody>
</table>

Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGF 1107</td>
<td>3.0</td>
<td>G(M)Explor In Math</td>
</tr>
</tbody>
</table>

Take two additional college level math classes from list

MAC/MGF/MTG/STA

Natural/physical science (10 sem hrs)

Must include credit in earth sci/life sci/ & phy sci

Must include at least one associated lab

<table>
<thead>
<tr>
<th>Course</th>
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<th>Description</th>
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<td>GLY 2001 C</td>
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<td>Earth Science</td>
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<tr>
<td>BSC 2085 C</td>
<td>4.0</td>
<td>Anatomy/Physiology I</td>
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</table>

Select 1 More Phy Sci

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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Social Science 12 Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PSY 2012</td>
<td>3.0</td>
<td>Intro To Psy</td>
</tr>
<tr>
<td>AMH 2020</td>
<td>3.0</td>
<td>U S His Since 1877</td>
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</table>

Take Two Soc Sci

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
</table>

Humanitie 6 Credits

Must have credit in philosophy and fine arts

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH/HUM/MUH/MUL/MUS/MVS/MUT/ART/LIT/PHI</td>
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</table>

Additional prerequisites

Select One

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>BSC 2086 C</td>
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<td>Anat/Physiology II</td>
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<td>PET 2622</td>
<td>3.0</td>
<td>Care/Prev Sprt Injur</td>
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</tbody>
</table>

Select 4-5 credit hours of skill development courses in physical activities

PEL/PEN

Select 3 credit hours in fitness/wellness

<table>
<thead>
<tr>
<th>Course</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEM 1104</td>
<td>1.0</td>
<td>Physical Conditionng</td>
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<tr>
<td>PEM 1131</td>
<td>1.0</td>
<td>Weight Training</td>
</tr>
<tr>
<td>PEM 1930</td>
<td>1.0</td>
<td>Aerobic Dance</td>
</tr>
<tr>
<td>PEN 2172</td>
<td>1.0</td>
<td>Fitness Swimming</td>
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</table>

Foundation (06 SEMESTER HOURS)

Take Both Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDG 2701</td>
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<td>Tchg Diverse Populat</td>
</tr>
<tr>
<td>EME 2040</td>
<td>3.0</td>
<td>Intr Ed Technologies</td>
</tr>
</tbody>
</table>

### Cultural Diversity Addendum (06 SEMESTER HOURS)

Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 251.

### Core Requirements (30 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PET 3351 C</td>
<td>3.0</td>
<td>Physiology Of Exerc</td>
</tr>
<tr>
<td>PET 3463</td>
<td>3.0</td>
<td>Sport Marketing</td>
</tr>
<tr>
<td>PET 3311</td>
<td>3.0</td>
<td>Kines &amp; Motor Behav</td>
</tr>
<tr>
<td>PET 3713</td>
<td>3.0</td>
<td>Spec Mbh Cur K8/6-12</td>
</tr>
<tr>
<td>PET 4401</td>
<td>3.0</td>
<td>Admin Phys Ed/Sport</td>
</tr>
<tr>
<td>PEO 4004</td>
<td>3.0</td>
<td>Theory/Prac In Coach</td>
</tr>
</tbody>
</table>

Select 2 PE/Sport Methods courses

<table>
<thead>
<tr>
<th>Course</th>
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<th>Description</th>
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<tbody>
<tr>
<td>PET 4640</td>
<td>2.0</td>
<td>Adapted Phys Educ</td>
</tr>
<tr>
<td>PET 2622</td>
<td>3.0</td>
<td>Care/Prev Sprt Injur</td>
</tr>
<tr>
<td>PEO 2011</td>
<td>3.0</td>
<td>Teaching Team Sports</td>
</tr>
<tr>
<td>PEO 2031</td>
<td>3.0</td>
<td>Tch Indiv/Dual Sport</td>
</tr>
<tr>
<td>PEO 4041</td>
<td>3.0</td>
<td>Games Elem School</td>
</tr>
<tr>
<td>DAE 3310</td>
<td>3.0</td>
<td>Dance Elem School</td>
</tr>
<tr>
<td>PEP 3205</td>
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<td>Gym/Body Mgt Ele Sch</td>
</tr>
<tr>
<td>PEO 3007</td>
<td>3.0</td>
<td>Sel Coach Var Topics</td>
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Select One

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PET 4640</td>
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<td>Adapted Phys Educ</td>
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<td>3.0</td>
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</tr>
<tr>
<td>PEO 4041</td>
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<td>Games Elem School</td>
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<td>PEO 3007</td>
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<td>Sel Coach Var Topics</td>
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Select One

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<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADV JOU PUR MMC RTV ACG BUL ECO FIN MAN HSC HUN</td>
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### Internships (15 SEMESTER HOURS)

Field Experiences

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<td>Sprt Ldshp Practicum</td>
</tr>
<tr>
<td>PET 4941</td>
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<td>Spt Ldershp Internsh</td>
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</table>

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due 4th Friday of the previous fall term.

### Major Electives (18 SEMESTER HOURS)

Interdisciplinary specialization courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>BUL 3130</td>
<td>3.0</td>
<td>Legal Environ Of Bus</td>
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<td>MAN 3025</td>
<td>3.0</td>
<td>Adminis Management</td>
</tr>
<tr>
<td>MMC 3614</td>
<td>3.0</td>
<td>Prin Media &amp; Society</td>
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Select One

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>ACG 2021</td>
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<td>Prin Financial Acc</td>
</tr>
<tr>
<td>FIN 3140</td>
<td>3.0</td>
<td>Personal Finance</td>
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Take any two health electives

<table>
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<tr>
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<tr>
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<tr>
<td>HSC 4104</td>
<td>3.0</td>
<td>Lifestyle Modificatn</td>
</tr>
<tr>
<td>HSC 4572</td>
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<td>Nutrition/Health</td>
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<td>PEP 4135</td>
<td>3.0</td>
<td>Prin Strgth/Condition</td>
</tr>
<tr>
<td>PET 3990 EB</td>
<td>3.0</td>
<td>Exer Test&amp;Prescri</td>
</tr>
</tbody>
</table>
* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.
* Grade of C or better required for all courses on the program of study.
* 2.5 UNF GPA is required to be eligible for internship & graduation
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.

### Cultural Diversity Addendum

Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours. If not satisfied, choose from the following courses:

- CLP 4143 3.0 Psy Of Abnormal Behr
- CPO 3123 3.0 (FC)Pol/Soc Brit&Irl
- CPO 4034 3.0 Third World Politics
- CPO 4930 1-4 Topics:Comprtv Pol
- DEP 4404 3.0 Psychology Of Aging
- ECO 3703 3.0 International Trade
- ECO 4504 3.0 Public Finance
- ECO 4723 3.0 Inter Monetary Sys
- FIN 4604 3.0 International Finance
- GEO 2420 3.0 CD-Cultural Geogrphy
- HSC 4141 3.0 Etiology:Addiction
- HSC 4145 3.0 Trt Planning Coordin
- HSC 4152 3.0 Signs & Symptoms Adc
- HSC 4160 3.0 Hum Dev Hlth Beh Adc
- HSC 4563 3.0 Dimens:Hlth Oldr Adu
- INR 3016 3.0 Global Iss Cont Pol
- LIT 2100 3.0 G(3)Mstrwks Wrld Lit
- LIT 3184 3.0 (FC)(3)G Irish Lit/C
- LIT 3193 3.0 (FC)(G)3 Lit Of East
- LIT 3304 3.0 G(3)Lit/Pop.Am.Cult.
- LIT 3408 3.0 Approach To Lit:Myth
- LIT 4093 3.0 Contemporary Lit
- LIT 4104 3.0 Studies:Mdieval Lit
- LIT 4186 3.0 Studies In Irish Lit
- LIT 4650 3.0 Comparative Lit
- MAR 4156 3.0 Internml Marketing
- MUH 2018 3.0 Evolution Of Jazz
- MUH 3055 3.0 (FC)Afr Am Mus Hertg
- PET 4640 2.0 Adapted Phys Educ
- PHH 3100 3.0 Ancient Philosophy
- PHH 3120 3.0 (FC)Greek Experience
- PHH 3400 3.0 Modern Philosophy
- PHH 3500 3.0 19th Cent Philosophy
- PHH 3811 3.0 Phlsphy/Zen Buddhism
- PHH 4601 3.0 20th-Cent Cont Phil
- PHH 3860 3.0 (FC)Japanese Mind
- REL 2300 3.0 CD-Comparative Relig
- REL 3145 3.0 Woman Relg Wst Exper
- REL 3214 3.0 Hbrew Bible/Old Test
- REL 3310 3.0 Asian Religions
- REL 3334 3.0 Hsty Indian Rlg Thou
- REL 3443 3.0 Liberation Theologie
- SOP 3742 3.0 CD-Psych Of Women
- SYD 3700 3.0 CD-Race/Cult Minornty

### Division of Educational Services and Research

- **620-2990**
- **John J. Venn**, Professor and Chair
- **Larry G. Daniel**, Professor
- **Cheryl A. Fountain**, Professor
- **Charles M. Galloway**, Professor
- **Nicholas M. Karayanakis**, Professor
- **Katherine M. Kasten**, Professor
- **Judy H. Lombana**, Professor
- **Lynne Raiser**, Professor
- **Thomas S. Serwatka**, Professor
- **Clement J. Van Nagel**, Professor
- **Jon Wiles**, Professor
- **Lynne Carroll**, Associate Professor
- **Warren A. Hodge**, Associate Professor
- **Janice Seabrooks**, Associate Professor
- **Carolyn Stone**, Associate Professor
- **Kristine Webb**, Associate Professor
- **Kenneth T. Wilburn**, Associate Professor
- **Betty Bennett**, Assistant Professor
- **Sharian L. Deering**, Assistant Professor
- **Joyce T. Jones**, Assistant Professor
- **Marcelle C. Lovett**, Assistant Professor
- **Karen Patterson**, Assistant Professor
- **Len Roberson**, Assistant Professor
- **Rebecca A. Schumacher**, Assistant Professor
- **M. Lynn Woolsey**, Assistant Professor
- **Tammie La-Juan Stout**, Visiting Instructor
- **Elizabeth Bassett**, Visiting Clinical Instructor
- **Crystal Harrell**, Visiting Clinical Instructor
- **Barbara Pepper**, Visiting Clinical Instructor

The Division of Educational Services and Research serves as the coordinating organization for programs in Educational Leadership, Counselor Education, and Special Education.

The goals of the division are to:

1. Prepare students for professional and service careers in educational and human service settings.
2. Serve as a liaison between the College of Education and Human Services and other institutions, agencies, and the public to promote innovative and effective interdisciplinary efforts to achieve improved delivery of educational services.

At the undergraduate level, the Division of Educational Services and Research has programs of study in special education.
Special Education  620-2930
Janice Seabrooks, Associate Professor and
Program Director
Lynne Raiser, Professor
Thomas S. Serwatka, Professor
Clement J. Van Nagel, Professor
John J. Venn, Professor
Kristine Webb, Associate Professor
Sharian L. Deering, Assistant Professor
Karen Patterson, Assistant Professor
Len Roberson, Assistant Professor
M. Lynn Woolsey, Assistant Professor
Tammie La-Juan Stout, Visiting Instructor
Elizabeth Bassett, Visiting Clinical Instructor
Crystal Harrell, Visiting Clinical Instructor

The undergraduate program in Special Education prepares teachers with competencies necessary to produce achievement gains and desirable behavior changes in students with disabilities. Successful completion of the courses of study will result in certification in varying exceptionalities. Special Education also offers a track in deaf studies. Deaf studies is a five-year program in which students complete certification in deaf education at the master’s degree level.

All courses have field assignments. Students are expected to be proficient in the use of the computer for word processing and Internet access.

The program is blocked sequentially with some courses being offered once a year only; therefore, students are requested and encouraged to enter in the fall term. Before beginning course work, students must consult an advisor in the College’s Office of Student Services.

The State of Florida mandates certification requirements for teachers. **Students should see their advisors frequently to obtain appropriate advisement for current certification requirements.**

### Major: Special Education
### Track: Exceptional Student Education
### Degree: Bachelor Of Arts In Education

#### Prerequisites

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 1005</td>
<td>Intro To Education</td>
<td>3.0</td>
</tr>
<tr>
<td>EDG 2701</td>
<td>Tchg Diverse Populat</td>
<td>3.0</td>
</tr>
<tr>
<td>EME 2040</td>
<td>Intr Ed Technologies</td>
<td>3.0</td>
</tr>
</tbody>
</table>

In addition to these education courses, 51 hours must be chosen from the following liberal arts and science area. These courses will satisfy general education requirements.

Minimum grade of “C” required for all courses in program

Mathematics (9 Semester Hours)

Excludes MAT 1033 and computer courses. Must include a geometry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGF 1107</td>
<td>G(M)Explor In Math</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Take two additional college level math classes from below

- MGF/MAC/MTG/STA
- Must include credit in earth science, life science and physical science with at least one associated lab
- Earth science
  - GLY 2001 C 3.0 Earth Science
- Life science
  - APB/BOT/BSC/MCB/OCB/OCE/PCB/ZOO
- Physical science
  - AST/BCH/CHM/CHS/EML/PHY/PHZ

Communications (9 semester hours)

Must include a writing, literature, and speech

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENC 1101</td>
<td>Intro To Writing</td>
<td>3.0</td>
</tr>
<tr>
<td>LIT 2110</td>
<td>Intro Literature</td>
<td>3.0</td>
</tr>
<tr>
<td>LIT 2932</td>
<td>G6 Theme/Types Lit</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Soc Sci (12 Shrs)

- PSY 2012 3.0 Intro To Psy
- AMH 2020 3.0 U S His Since 1877

Choose two additional social sciences


Humanities (6 semester hours)

Must have credit in philosophy and non-applied fine arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHI 2010</td>
<td>Intro To Philos</td>
<td>3.0</td>
</tr>
<tr>
<td>PHI 2100</td>
<td>G3 Reas&amp;Crit Thnk</td>
<td>3.0</td>
</tr>
<tr>
<td>PHI 2630</td>
<td>G3 Contpm Ethic Iss</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Non-applied Fine Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARH 2000</td>
<td>Art Apprecation</td>
<td>3.0</td>
</tr>
<tr>
<td>MUH 2012</td>
<td>Enjoymnt Of Music</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**Cultural Diversity Addendum**

Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first sixty (60) semester hours. If not previously satisfied, courses may be selected from the list on page 254.

#### Core Requirements (25 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3151</td>
<td>Nature Learner</td>
<td>3.0</td>
</tr>
<tr>
<td>EDG 4327</td>
<td>Assmt Of Lng &amp; Behav</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4930 AA</td>
<td>Cslrn Mgt Excpt Lmr</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Clinical Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDF 3945</td>
<td>Field Lab-I</td>
<td>2-4</td>
</tr>
<tr>
<td>EDF 3946</td>
<td>Field Lab-II</td>
<td>2-4</td>
</tr>
<tr>
<td>EEX 4861</td>
<td>Internship</td>
<td>3-12</td>
</tr>
</tbody>
</table>

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

#### Major Requirements (41 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EEX 3202</td>
<td>Psy/Soc Exctpl Lrns</td>
<td>3.0</td>
</tr>
<tr>
<td>RED 3310</td>
<td>Reading Methd EElem</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 3250</td>
<td>Read Mdhds:Lrnrs Exc</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 3251</td>
<td>Dev Skls/Math Prbms</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 3252</td>
<td>Lang Arts:Excpt Lrns</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4604</td>
<td>Ed Mgmt:Excpt Studnt</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4101</td>
<td>Language Dev/Disord</td>
<td>2-3</td>
</tr>
<tr>
<td>EEX 4221</td>
<td>Ed Assmnt/Lrnrs Exc</td>
<td>3.0</td>
</tr>
<tr>
<td>EEX 4281</td>
<td>Soc,Per,Car:LrnrsExc</td>
<td>3.0</td>
</tr>
</tbody>
</table>
EEX 4255  3.0  Curr/Instr:Lrnrs Exc  
EEX 4930 EH  3.0  Sem:Lit Strategies  
EEX 4930 EI  3.0  Sem:Affecitive Strat  
TSL 3550  3.0  Princlub & Iss TESOL  
TSL 4340  3.0  TESOL Meth & Curric  
* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.  
* Grade of C or better required for all courses on the program of study.  
* 2.5 UNF GPA is required to be eligible for internship & graduation  
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.  
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.  

**Major:** Special Education  
**Track:** Deaf Studies  
**Degree:** Bachelor Of Arts In Education  

**Prerequisites**  
(60 SEMESTER HOURS)  
Grade of C or higher required  
EDF 1005  3.0  Intro To Education  
EDG 2701  3.0  Tchg Diverse Populat  
EME 2040  3.0  Intr Ed Technologies  

In addition to these education courses, 51 hours must be chosen from the following liberal arts and science areas. These course will satsify general education requirements. Minimum grade of “C” required for all courses in program.  

**Mathematics (9 Semester Hours)**  
Excludes MAT 1033 and computer courses  
One course must include credit in geometry  
MGF 1107  3.0  G(M)Explor In Math  
Take two additional college level math classes from below  
MGF/MAC/MTG/STA  

**Nat/Phy Sci (9 Shrs)**  
Must include credit in earth science, life science and physical science with at least one associated lab  
GLY 2001 C  3.0  Earth Science  
Life science  
APB/BOT/BSC/MCB/OCB/OCE/PCB/ZOO  
Physical science  
AST/BCH/CHM/CHS/EML/PHY/PHZ  

**Communications (9 Sem Hrs)**  
To include credit in writing, literature and speech.  
ENC 1101  3.0  G(6)College Writing  
LIT 2110  3.0  G(6)Intro Literature  
LIT 2932  3.0  G(6)Theme/Types Lit  

**Social sciences (12 semester hours)**  
PSY 2012  3.0  Intro To Psy  
AMH 2020  3.0  U S His Since 1877  
Choose two additional social sciences  
ANT/CPO/ECO/ECP/ECO/INR/ISS/POS/POT/SOC/SOW/SYA/ 
SPC/SYD/SYG/SYP/URP/CLP/CYP/DEP/EDAP/EXP/INP/ 
PCO/PPE/PSB/PSY/SOP/EUH  

**Fine arts or humanities (6 semester hours)**  
Must have credit in philosophy and fine arts  
ARH/HUM/MUH/MUL/MUS/MVS/MUT/ART/EUH/LIT/PHI  

**Cultural Diversity Addendum**  
Six semester hours with an international or diversity focus. This requirement may have been satisfied in the first 60 hours. If not previously satisfied, courses may be selected from the list on page 254.  

**Core Requirements**  
(13 SEMESTER HOURS)  
EDF 3151  3.0  Nature Learner  
EDG 4327  3.0  Assmt Of Lng & Behav  
EEX 4616  3.0  Clsrn Mgt Excpt Lrnr  

**Clinical Requirements**  
EDF 3945  2-4  Field Lab-I  
EHD 4940  2.0  Deaf Ed Practicum  

**Major Requirements**  
(52 SEMESTER HOURS)  
EHD 4248  3.0  Found Lit Dev D/Hh I  
EHD 4249  3.0  Found Lit Dv D/Hh II  
EEX 3202  3.0  Psy/Soc Excptl Lrnr  
EEX 4604  3.0  Ed Mgmt:Excpt Studnt  
EEX 4101  2-3  Language Dev/Disord  
EEX 4221  3.0  Ed Assmnt/Lrnrs Exc  
EEX 4281  3.0  Soc,Per,Car:LrnrsExc  
EHD 4311  3.0  Psych/Educ: Deaf  
EHD 4261  3.0  Audiology Speech Sci  
EHD 4245  3.0  Lang Dev/Deaf  
SPA 4620  3.0  American Sign Lang I  
EEX 4930 AF  1.0  ASL Lab I  
SPA 4623  3.0  Ameri Sign Lang II  
EEX 4930 AE  1.0  ASL Lab II  
SPA 4614  3.0  Amer Sign Lang III  
SPA 4615  3.0  Amer Sign Lang IV  
EEX 3251  3.0  Dev Skls/Math Prbms  
TSL 3550  3.0  Princlub & Iss TESOL  
TSL 4340  3.0  TESOL Meth & Curric  

* You must submit passing scores on all four parts of the CLAST exam for admission into the College of Education and Human Services.  
* Grade of C or better required for all courses on the program of study.  
* 2.5 UNF GPA is required to be eligible for internship & graduation  
* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.  
* Passing the Florida Teachers Exam and the Florida General Knowledge Exam prior to graduating is required for endorsement.
Cultural Diversity Addendum

Six semester hours with an international or diversity focus.
This requirement may have been satisfied in the first 60 semester hours. If not satisfied, choose from the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credit Hours</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLP 4143</td>
<td>3.0</td>
<td>Psy Of Abnormal Behr</td>
</tr>
<tr>
<td>CPO 3123</td>
<td>3.0</td>
<td>(FC)Pol/Soc Brit&amp;Irl</td>
</tr>
<tr>
<td>CPO 4034</td>
<td>3.0</td>
<td>Third World Politics</td>
</tr>
<tr>
<td>CPO 4930</td>
<td>1-4</td>
<td>Topics:Comprtrve Pol</td>
</tr>
<tr>
<td>DEP 4404</td>
<td>3.0</td>
<td>Psychology Of Aging</td>
</tr>
<tr>
<td>ECO 3703</td>
<td>3.0</td>
<td>International Trade</td>
</tr>
<tr>
<td>ECO 4504</td>
<td>3.0</td>
<td>Public Finance</td>
</tr>
<tr>
<td>ECO 4723</td>
<td>3.0</td>
<td>Inter Monetary Sys</td>
</tr>
<tr>
<td>FIN 4604</td>
<td>3.0</td>
<td>International Finance</td>
</tr>
<tr>
<td>GEO 2420</td>
<td>3.0</td>
<td>CD-Cultural Geogrphy</td>
</tr>
<tr>
<td>HSC 4141</td>
<td>3.0</td>
<td>Etiology:Addiction</td>
</tr>
<tr>
<td>HSC 4145</td>
<td>3.0</td>
<td>Trt Planning Coordin</td>
</tr>
<tr>
<td>HSC 4152</td>
<td>3.0</td>
<td>Signs &amp; Symptoms Adv</td>
</tr>
<tr>
<td>HSC 4160</td>
<td>3.0</td>
<td>Hum Dev Hlth Beh Adv</td>
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<tr>
<td>HSC 4563</td>
<td>3.0</td>
<td>Dimens:Hlth Olgradv</td>
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<tr>
<td>INR 3016</td>
<td>3.0</td>
<td>Global Iss Cont Pol</td>
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<tr>
<td>LIT 2100</td>
<td>3.0</td>
<td>G(3)Mstrwks Wrd Lit</td>
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<tr>
<td>LIT 3184</td>
<td>3.0</td>
<td>(FC)(3)G Irish Lit/C</td>
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<tr>
<td>LIT 3193</td>
<td>3.0</td>
<td>(FC)(G)3 Lit Of East</td>
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<tr>
<td>LIT 3304</td>
<td>3.0</td>
<td>G(3)Lit/Pop.Am.Cult.</td>
</tr>
<tr>
<td>LIT 3408</td>
<td>3.0</td>
<td>Approach To Lit:Myth</td>
</tr>
<tr>
<td>LIT 4093</td>
<td>3.0</td>
<td>Contemporary Lit</td>
</tr>
<tr>
<td>LIT 4104</td>
<td>3.0</td>
<td>Studies:Medieval Lit</td>
</tr>
<tr>
<td>LIT 4186</td>
<td>3.0</td>
<td>Studies In Irish Lit</td>
</tr>
<tr>
<td>LIT 4650</td>
<td>3.0</td>
<td>Comparative Lit</td>
</tr>
<tr>
<td>MAR 4156</td>
<td>3.0</td>
<td>Internatl Marketing</td>
</tr>
<tr>
<td>MUH 2018</td>
<td>3.0</td>
<td>Evolution Of Jazz</td>
</tr>
<tr>
<td>MUH 3055</td>
<td>3.0</td>
<td>(FC)Afr Am Mus Hrgt</td>
</tr>
<tr>
<td>PET 4640</td>
<td>2.0</td>
<td>Adapted Phys Educ</td>
</tr>
<tr>
<td>PHH 3100</td>
<td>3.0</td>
<td>Ancient Philosophy</td>
</tr>
<tr>
<td>PHH 3120</td>
<td>3.0</td>
<td>(FC)Greek Experience</td>
</tr>
<tr>
<td>PHH 3400</td>
<td>3.0</td>
<td>Modern Philosophy</td>
</tr>
<tr>
<td>PHH 3500</td>
<td>3.0</td>
<td>19th Cent Philosophy</td>
</tr>
<tr>
<td>PHH 3811</td>
<td>3.0</td>
<td>Phlsphy/Zen Buddhism</td>
</tr>
<tr>
<td>PHH 4601</td>
<td>3.0</td>
<td>20th-Cent Cont Phil</td>
</tr>
<tr>
<td>PHH 3860</td>
<td>3.0</td>
<td>(FC)Japanese Mind</td>
</tr>
<tr>
<td>REL 2300</td>
<td>3.0</td>
<td>CD-Comparative Relig</td>
</tr>
<tr>
<td>REL 3145</td>
<td>3.0</td>
<td>Woman Relg Wst Exper</td>
</tr>
<tr>
<td>REL 3214</td>
<td>3.0</td>
<td>Hbrew Bible/Old Test</td>
</tr>
<tr>
<td>REL 3310</td>
<td>3.0</td>
<td>Asian Religions</td>
</tr>
<tr>
<td>REL 3334</td>
<td>3.0</td>
<td>Hsty Indian Rlg Thou</td>
</tr>
<tr>
<td>REL 3443</td>
<td>3.0</td>
<td>Liberation Theologie</td>
</tr>
<tr>
<td>SOP 3742</td>
<td>3.0</td>
<td>CD-Psych Of Women</td>
</tr>
<tr>
<td>SYD 3700</td>
<td>3.0</td>
<td>CD-Race/Cult Minorty</td>
</tr>
</tbody>
</table>

*Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

*Any INR except for INR 4334*
Education Interdepartmental Courses

ARE 4316 - Art Education in Elementary Schools; An Inquiry 3
Prerequisites: EDG 3323 and EDG 4327. An in-depth examination of art education programs and resources, grades K-6. This course, designed for art education majors, focuses on skills development in planning, teaching and evaluating sequential learning experiences in the making of art, art criticism, art history and aesthetics at the elementary level.

ARE 4341 - Art Education in Secondary Schools: An Inquiry 3
Prerequisites: EDG 3323, EDG 4327 and ARE 4316. An investigation of junior high/middle school and high school art education programs and resources, grades 6-12. The course emphasizes skills development in planning, teaching and evaluating learning experiences in art studio, art criticism, art history and aesthetics and the development of a personal philosophy of art education.

ARE 4353 - Teaching Art with a Discipline-based Focus in Grades K-12 4
Prerequisites: EDG 3323, and EDG 4327. An investigation of elementary, junior high/middle school and high school art education programs and resources, grades K-12. The course emphasizes skills development in planning for, teaching and evaluating learning experiences in art studio, art criticism, art history and aesthetics and the development of a personal philosophy of art education.

EDG 3323 - The Learning Process 3
Corequisite: EDF 3945. An introduction to the design and implementation of curriculum. Emphasis is placed upon developing and writing goals and objectives, planning and implementing lessons, developing and presenting instructional models, utilizing effective verbal communication and conceptualizing motivational strategies.

EDG 4327 - Assessment of Learning and Behavior 3
Prerequisites: Admission to teacher education program and EDG 3323. Examination of teacher prepared and standardized measures of student achievement, behavioral construction and other factors influencing learning and teaching.

EDG 4410 - Classroom Management and Communication 3
This course provides preservice teachers with the basic skills necessary for effective classroom management and clear communication. It specifically assists preservice teachers in developing a set of behaviors designed to elicit and maintain student learning and on-task behaviors.

EDG 4905 - Individual Investigation and Study 1-3
Prerequisite: Consent of division chairperson or specific faculty member. Individual investigation of a selected topic in greater depth under the guidance of a faculty member. May be repeated up to 24 credits.

EME 2040 - Introduction to Educational Technologies 3
An introduction to the classroom applications of educational technologies. The course includes a survey of educational hardware and software. Topics include multimedia, interactive media, ethics and legal issues, and the Internet.
MUE 3944 - Music Education Field Laboratory
Continuation of supervised, structured field experiences (5 hours per week for ten consecutive weeks) in selected schools designed to assist in the acquisition of generic teaching competencies required by Florida State Board of Education Rules. Weekly seminars (1 1/2 hours for 16 weeks) for music education majors only.

MUE 4311 - Music Education in Elementary Schools: The Organization and Teaching of General Music
Prerequisites: EDG 3323, EDG 4327 and four content prerequisites. See special methods course prerequisites for secondary majors. Designed to acquaint students with a balanced general music curriculum. Emphasis placed on understanding and planning a developmental sequence of musical experiences to assure the sound musical growth of students in grades K-6. Offered spring term in even numbered years.

MUE 4330 - Music Education in Secondary Schools: The Organization and Teaching of General, Choral, and Instrumental Music
Prerequisites: MUE 4311, MUG 3104. The role of music in junior and senior high school adolescents’ education; techniques for planning, teaching, and evaluating instruction; study of music appropriate to musical organizations; and general music instruction. Offered fall term in odd numbered years.

TSL 3550 - Principles and Issues in TESOL
Prerequisite: As prescribed by program of study. This course covers issues basic to understanding legal and social imperatives in teaching English language learners in K-12 settings as well as theories and principles of second language acquisition.

TSL 4340 - TESOL Methods and Curriculum
Prerequisite: As prescribed by program of study. This course is designed to assist students in integrating the theories and principles of second language learning and applying them to classroom instruction. ESOL methodology and curriculum will be emphasized as they relate to current best practice in ESOL instruction. A field experience requiring students to work in classrooms serving English language learners is required.

Elementary Education
All 3000-4000 level courses in elementary education require as prerequisites EDG 3323 and EDG 4327; or permission of the division chairperson.

ARE 4313 - Art Methods for Elementary Teachers
Prerequisites: EDG 3323 and EDG 4327. An examination of elementary school art programs and resources, grades K-6. The course, designed for preservice elementary classroom teachers, focuses on planning, teaching and evaluating sequential learning experiences in the making of art, art criticism, art history and aesthetics at the elementary level.

EDE 4905 - Individual Investigation and Study
Prerequisite: Consent of department chair. May be repeated up to 24 credits.

EDE 4943 - Practicum II: Student Internship
Prerequisite: Pre-Kindergarten/Primary students only, 60 volunteer service hours. Completion of requirements prescribed in the Internship Handbook, available in the Office of Field Experiences. Designed as a culminating experience in the student’s major field, which allows the student an opportunity to practice skills under careful observation and in cooperation with a master teacher.

EDG 3324 - Methods of Conceptual Teaching
This course is designed to familiarize students with key aspects of conceptual teaching and learning. Concepts from several areas of the elementary curriculum will be used as the contextual backdrop. Other courses in the Elementary Education Program will build on the methodology advocated in this course.

EEC 3408 - Forming Family, School and Community Partnerships
Prerequisites: EDF 1005, EDG 2701, EME 2040. This course focuses on ways to form partnerships with schools, families and communities. Family systems and their impact on the education of children will be discussed and students will identify practices for facilitating family involvement. The course discusses state and federal initiatives for serving children and families.

EEC 3731 - Health, Nutrition and Safety for the Young Child
Strategies that recognize the relationships that exist between health status, safety, nutrition, social, and environmental factors. The course identifies current concepts in the fields of health, safety and nutrition and their relationship to the young child. It is designed to teach preservice teachers ways to assist young children to develop good habits and attitudes, and to assume lifelong responsibility for their own well-being.

EEC 4203 - Primary Education II
Strategies for planning the curriculum, utilizing appropriate practices and resources for developing effective programs for primary aged children.

EEC 4207 - Measurement, Evaluation, and Planning for Early Literacy Development
Prerequisites: LAE 3210 and EEC 4213. Students will learn formal and informal assessment strategies related to planning literacy instruction. Students select and implement tools and procedures, interpret and apply findings.

EEC 4209 - Integrated Music, Art, and Movement for Primary Children
Prerequisite: EEC 4260. Students will explore the creative arts through a field based, integrated methods course in music, art, and movement for primary children. The role of the teacher includes instructional strategies for integration, assessment and concept development.

EEC 4210 - Integrated Math, Science & Social Studies for Primary Children
Prerequisite: EEC 4260. The course will include strategies for developing thinking skills and early mathematical and science thinking. Strategies for integrating math, science and social studies across the curriculum will be included.

EEC 4213 - Teaching Beginning Reading and Writing
Prerequisite: LAE 3210. Methods of teaching reading and writing based on practical applications of recent research and theory.

EEC 4260 - Developmentally Appropriate Practices for Pre-Kindergarten/Primary Teachers
Prerequisites: EDF 1005, EDG 2701, EME 2040. The course focuses on historical theorists, theories, issues and trends that have influenced primary education. The course teaches preservice teachers how to design and implement developmentally appropriate classrooms that promote physical, social, emotional and cognitive development.
HSC 3301 - Health and Movement Education in the Elementary School
A study of elementary school health, safety, and movement education programs. For elementary education majors.

LAE 3210 - Foundations of Literacy
This is the first of three literacy courses in the Elementary Education Program. It forms the basis for understanding language development, theories of language, and the issues and experiences important to the development of literacy. This course must be taken prior to the second literacy course.

LAE 3211 - Methods and Resources for Literacy Development
Prerequisite: LAE 3210. This is the second of three literacy courses in the Elementary Education Program. It expands upon the concepts learned in Foundations of Literacy and applies them for teaching applications.

LAE 4312 - Measurement, Evaluation and Planning for Literacy Development
Prerequisite: LAE 3211. This is the third literacy course in the elementary teacher preparation program. It follows courses in the foundations of literacy development and methods and resources for literacy teaching/learning. It will enable preservice teachers to understand the scope and place of diagnosis and subsequent literacy instruction in the literacy development program; the roles played by the classroom teacher and other specialized personnel in the school; the wise use of a variety of diagnostic tools (tests and other measurement techniques) to measure literacy ability, and based on such measurement, evaluate the student’s literacy abilities; the planning and implementation of an appropriate instructional program based on such an evaluation.

MAE 2801 - G(M) Mathematics for Elementary Education
Prerequisite: Intermediate Algebra with a grade of C or better. This course is designed for elementary education majors. The topics include: sets, number systems, problem solving, whole numbers, integers, rational numbers, irrational numbers, real numbers, percent, elementary logic, measurement and informal geometry.

MAE 3312 - Mathematics Methods for Elementary Teachers
Prerequisite: EDG 3324. This course is designed to develop competencies in selecting methods, resources, and assessment strategies for teaching integrated mathematics with other content areas. The content strongly reflects the curriculum emphases of the National Council of Teachers of Mathematics and the Florida Sunshine State Standards and topics are presented using a process-oriented approach.

MAE 3814 - Mathematics Enhancement for Elementary School Teachers
Prerequisites: Two Gordon Rule Math courses. Throughout the course, critical thinking and problem solving will be stressed. This will be accomplished by looking at problems from areas such as: set theory, logic, number theory, and geometry. Additionally, properties of natural numbers, integers, rational numbers, irrational numbers, and numeral systems will be examined.

MUE 4210 - Music Methods for Elementary Teachers
Prerequisite: MUT 1011 or equivalent. Study and appraisal of teaching techniques, music literature, learning activities, curricular plans and materials essential to the sequential development of musical learning of elementary school children.

RED 3310 - Reading Methods I for Elementary Teachers
Study of the reading process, approaches, skills, and materials used in elementary reading instruction. Course or equivalent before senior internship.

SCE 3310 - Science Methods for Elementary Teachers
Methods and resources for teaching science in the elementary school. This course or equivalent must be taken before senior internship.

SSE 3313 - Social Studies Methods for Elementary Teachers
Prerequisite: EDG 3324. This course examines standards, issues, and methods related to the teaching of social studies in the elementary school. It includes an emphasis on culture and the arts as ways of knowing and learning about social studies.

Middle School Education

EDG 4205 - Middle School Philosophy/Curriculum
An introduction to current and emerging trends that are shaping curriculum development and instructional practices in today’s middle schools. The course also examines the philosophical underpinnings of the middle school movement and its emphasis on the in-between-ager. Topics include: the development of young adolescents; the middle school movement; the curriculum for learners in the middle grades; effective instruction in the middle grades; classroom management and discipline; interdisciplinary team organizations; the advisory role; evaluation; and grouping. Includes observation/participation in appropriate settings.

LAE 3232 - Special Methods: Middle Grades English
Prerequisites: AML 2012, LIT 2100, LIT 3333, and EDG 3323. Students will be prepared to teach emerging adolescents the oracy and literary skills needed in today’s society using an integrated, multicultural research-based, whole language approach.

MAE 4320 - Special Methods: Middle Grades Mathematics
Prerequisites: 12 semester hours college-level mathematics. Offered fall term only. Introduction to the instructional methods, materials, and curriculum for teaching middle grades students mathematics.

SCE 4320 - Special Methods: Middle Grades Science
Prerequisites: EDG 3323 and EDF 3151 or equivalent. Introduction to the instructional methods, materials, and curriculum for teaching middle grades science.

SSE 4324 - Special Methods: Middle Grades Social Science
Prerequisite: EDF 3945. Corequisite: EDF 3946. The purpose of this course is to help preservice and inservice social science teachers to articulate and apply a philosophy of middle level education that will enable them to plan and implement effective and appropriate educational experiences for emerging adolescents.

Physical Education

DAE 3310 - Dance in the Elementary School
Prerequisite: PET 3713. A study of the research-based principles and methods used to teach developmentally appropriate rhythms and dance in the elementary school.

PEL 1121 - Golf
Skill technique, club selection and match strategy instruction and performance in golf. (A range fee is necessary for participation).

PEL 1211 - Softball
Introduction to the basic skills, strategies and rules of softball.
PEL 1321 - Volleyball
Skill technique and game strategy instruction with performance in volleyball.

PEL 1341 - Tennis
Skill technique and game strategy instruction with performance in tennis.

PEL 1441 - Raquetball
The course provides for instruction and practice to learn/improve basic raquetball skills as well as knowledge of the strategies and rules for raquetball.

PEL 1511 - Soccer
Skill technique and game strategy instruction with performance in soccer.

PEL 1621 - Basketball
The course provides for instruction and practice to learn/improve basic basketball skills as well as knowledge of the strategies and rules for basketball.

PEL 2905 - Selected Sports Activities: Variable Title v. 1 - 3
An introduction to the basic skills and strategies utilized in selected individual/dual and team sports. May be repeated up to 16 credits.

PEM 1104 - Physical Conditioning
Instruction in health-related fitness prescription and evaluation with performance and personal assessment in walking, jogging, rope jumping, or fitness trail exercise.

PEM 1131 - Weight Training
Instruction in health-related fitness prescription and evaluation with performance and personal assessment in weight training involving Nautilus/universal machines.

PEM 1930 - Aerobic Dance
Instruction and practice for basic skills and health related fitness development concerning aerobic dance.

PEN 1121 - Beginning Swimming
Basic swimming stroke and water safety instruction and performance.

PEN 1231 - Basic Sailing
The course provides for instruction and practice to learn/improve basic skills in sailing small craft.

PEN 2114 - Lifeguard Training
Instruction and performance in the skills and knowledge necessary for lifeguarding competency. Students who successfully complete the course are eligible for American Red Cross Lifeguard Training Certification.

PEN 2122 - Intermediate Swimming
Instruction and performance in improving techniques in a variety of swimming strokes and water emergency prevention and response. Students will work toward the American Red Cross Certification in Emergency Water Safety.

PEN 2172 - Fitness Swimming
Prerequisite: PEN 2122. Instruction in health-related fitness prescription and evaluation with performance and personal assessment in swimming or aquatic exercise.

PEO 2011 - Teaching Team Sports
Prerequisite: PET 3713. A study of research-based principles and methods used to teach team sport skills and activities in middle and high school physical education.

PEO 2031 - Teaching Individual and Dual Sports
Prerequisite: PET 3713. A study of research-based principles and methods used to teach individual and dual sports skills and activities in middle and high school physical education.

PEO 3007 - Selected Coaching: Variable Titles
A study of the physical skills, game strategies, optimum practice conditions, physical conditioning, rules, facilities and equipment, program administration and special ethics and liability concerns in coaching a selected team or individual/dual sport. May be repeated up to 16 credits.

PEO 3344 - Tennis Coaching
A study of the physical skills, game strategies, optimum practice conditions, physical conditioning, rules, facilities and equipment, program administration and special ethics and liability concerns in coaching tennis.

PEO 4004 - Theory and Practice in Coaching
A study of research based principles and methods used to coach individual and team sports.

PEO 4041 - Games in the Elementary School
Prerequisite: PET 3713. A study of the research-based principles and methods used to teach developmentally appropriate games in the elementary school.

PEP 3205 - Gymnastics and Body Management in the Elementary School
Prerequisite: PET 3713. A study of the research-based principles and methods used to teach developmentally appropriate gymnastics and body management in the elementary school.

PEP 3304 - Track and Field Coaching
A study of the physical skills, event strategies, optimum practice conditions, physical conditioning, rules, facilities and equipment, program administration, and special ethics and liability concerns in coaching track and field.

PET 2622 - Care and Prevention of Sport Injuries
Prerequisite/Corequisite: PET 3351C. A study of the principles and methods used to prevent and care for injuries sustained during physical activity.

PET 3311 - Kinesiology and Motor Behavior
Prerequisite: BSC 2085C. An integrated study of three movement disciplines including: principles and assessment in motor development, skill acquisition theory/strategies in motor learning, and applied human movement focusing on musculo-skeletal actions and mechanical principles/movement patterns related to sport skills.

PET 3351C - Physiology of Exercise
Prerequisite: BSC 2085C. A study of the physiological bases of physical activity, with emphasis given to the specific effects of exercise on body function, health related fitness and sports performance.

PET 3434C - Learning Through Movement
Integration of movement activities with other curricular areas. An emphasis is placed on the use of the physical medium to develop the academic and cognitive skills of elementary school children.
PET 3463 - Sport Marketing
The course provides a basic knowledge and understanding of the principles of sport marketing as applied to the sport industry. Emphasis is on critical analysis in sport marketing management theory as it applies to the sport industry.

PET 3713 - Special Methods and Curriculum for K-8 and 6-12 Physical Education
A study of the methods and procedures used to develop curricula and provide instruction in elementary, middle, and high school physical education programs.

PET 3948C - Sport Leadership Practicum
Prerequisite: PET 4401. A supervised, structural field experience in an on-campus or community setting to assist in the acquisition of sport leadership organization and administration skills.

PET 4401 - Administration of Physical Education and Sport
A study of the principles and theories in organizing and managing programs in physical education and sport leadership.

PET 4640 - Adapted Physical Education
A study of the principles and techniques used to meet the unique motor and health related fitness needs of individuals with special limitations.

PET 4910 - Directed Individual Study
The student will select a physical education project and conduct research and field experiences under the guidance of a faculty advisor. May be repeated up to 16 credits.

PET 4941 - Sport Leadership Internship
Prerequisites: All Sport Leadership Track requirements in Physical Education Program. Designed as a culminating experience which allows the student to apply leadership skills in an on-campus or community setting in sport leadership. A valid First Aid/CPR card must be held by interns for the entire internship.

PET 4945L - Student Teaching
Completion of all Core I and Core II requirements. Designed as a culminating experience which allows the student the opportunity to teach under the supervision of a master teacher.

Secondary Education
All 3000-4000 level courses in secondary education require prerequisites EDG 3323 and EDG 4327; or consent of the division chairperson.

ESE 4905 - Individual Study and Research
Prerequisite: Consent of division chairperson. May be repeated up to 36 credits.

ESE 4943 - Student Internship
Prerequisite: Completion of requirements prescribed in the Internship Handbook. Designed as a culminating experience in the student’s major field which allows the student an opportunity to practice skills under careful observation and in cooperation with a master teacher. Internship is allowable only in major area of concentration.

FLE 4333 - Special Methods: Foreign Languages
Prerequisites: A minimum of 12 semester hours in one foreign language, and at least 6 hours at the upper level. An examination of the instructional methods, materials, and curriculum for teaching K-12 level foreign languages. Offered fall term only.

LAE 4335 - Special Methods: Secondary English
Prerequisites: ENC 3310, LIN 3010, and ENG 4014. An examination of the instructional methods, materials, and curriculum for teaching secondary level English. Offered fall term only.

MAE 4330 - Special Methods: Secondary Mathematics
Prerequisites: Seven math courses with at least one course in calculus. An examination of the instructional methods, materials, and curriculum for teaching secondary level mathematics. Offered fall term only.

RED 3333 - Reading Methods for Secondary Teachers
Exploration of content area reading problems and investigation of various solutions. The reading process, approaches, skills, and materials used in secondary reading instruction are studied. Offered spring term only.

SCE 4330 - Special Methods: Secondary Science
Prerequisites: Three related courses in biological science or three related courses in physical science, plus one advanced science course to include laboratory. An examination of the instructional methods, materials, and curriculum for teaching secondary level science. For other content prerequisites, see special methods course prerequisites secondary majors. Offered fall term only.

SSE 4384 - Special Methods: Social Studies
Prerequisites: Specific content prerequisites which vary by major. An examination of the instructional methods, materials, and curriculum for teaching secondary level social studies. For other content prerequisites, see special methods course prerequisites secondary majors. Offered fall term only.

Special Education
EED 3011 - Nature and Needs of Emotionally Handicapped Learners
A survey of the characteristics of emotionally handicapped learners and their educational needs, focusing upon etiology, prevention, intervention models, and utilization of community resources.

EED 4212 - Behavior Management Techniques for Use with Emotionally Handicapped Learners
This course prepares teachers of the handicapped with behavior management techniques for use with emotionally handicapped students. The emphasis is on the application of theories, crisis intervention, prevention, legal considerations and counseling skills.

EED 4231 - Specialized Curriculum for Emotionally Handicapped Learners
Prerequisites: EEX 2010 or EEX 3202, and EED 3011. A survey of curriculum and curricular modifications appropriate for emotionally handicapped learners. Focus on specialized curriculum development, and the identification, evaluation, modification and use of commercial materials and programs in the areas of the affective and academic curriculum.

EED 4243 - Instructional Strategies for Students with Emotional Handicaps
Prerequisite: EED 3011. This course addresses instructional strategies for teaching students with emotional handicaps to include instructional techniques and motivational strategies; the development, implementation, and evaluation of individualized educational plans; and data based management. Field experience required.

College of Education and Human Services Course Descriptions 259
EEX 3202 - Psychology & Sociology of the Exceptional Learner 3
Prequisite: EDG 2701. Advanced study in the psychology and sociology of exceptional learners. The course examines exceptional learners in terms of their cognitive, affective and psychomotor characteristics and their functioning within families, schools and society.

EEX 3250 - Reading Methods for Learners with Exceptionalities 3
Pre and corequisites: EEX 3202 or its equivalent, EEX 4101, EEX 3252 or its equivalent. A methods course focusing on the reading process as related to students with atypical learning needs.

EEX 3251 - Developmental Skills of Mathematics for Special Educational Problems 3
A methods course focusing on mathematical processes as related to pupils with atypical behavior and learning deficits.

EEX 3252 - Language Arts for Exceptional Learners 3
Introduction to the diagnosis and remediation of handwriting, spelling, and written language disabilities in exceptional learners. Using a holistic, developmental approach, strategies for integrating language arts into the total curriculum for mastery of content and the development of thinking skills, creativity, and personal/social development will be presented.

EEX 4067 - Affective and Functional Living Skills for Students with Varying Exceptionalities 3
Prerequisites: EEX 3202, EEX 4255, and EEX 4221. VE is a requirement in preparing to teach learners with mild disabilities, including specific learning disabilities, emotional handicaps, and mental handicaps. This course focuses on understanding and applying proactive strategies in the areas of (a) communication, (b) functional living and academic growth, and (c) behavioral, social, and affective growth when teaching students with varying exceptionalities, including specific learning disabilities, emotional handicaps, and mental handicaps. A focus on approaches that meet the diverse learning needs of students with English as a second language is also included.

EEX 4101 - Language Development and Disorders v. 2 - 3
This course addresses language development and learning, to include language development and disorders, the impact of language on learning, and augmentative communication. Field experience required.

EEX 4200 - Pre-Kindergarten/Primary Children with Exceptionalities 3
This course studies the developmental variations in young children that affect their cognition, mobility, social-emotional development, and speech and language development. This course includes procedures for screening, assessing, and placing children with special needs in appropriate educational settings, strategies for parental involvement, and development of appropriate curriculum, methods, and materials for teaching children in inclusive settings. Field experience required.

EEX 4221 - Educational Assessment for Learners with Exceptionalities 3
Pre and Corequisite: EEX 3202 or its equivalent. An evaluation course related to the basic theories of evaluation and their relationship to specific disabilities.

EEX 4253 - Literacy and Academic Strategies for Students with Varying Exceptionalities 3
Prerequisites: EEX 3202, EEX 4255, and EEX 4221. This course addresses instructional strategies for teaching students with varying exceptionalities, including, specific learning disabilities, emotional handicaps and mental handicaps. Throughout the course, specialized approaches to teaching basic literacy skills, metacognitive skills, and adaptation of curriculum and materials at the secondary level are explored. Field experience required.

EEX 4255 - Curriculum and Instruction for Learners with Exceptionalities 3
Pre and Corequisites: EEX 3202 or its equivalent, EEX 4221. Examination of specific techniques, related media, and curricula appropriate to the individualization of instruction for various exceptionalities.

EEX 4281 - Social, Personal, & Career Skills for Learners with Exceptionalities 3
Pre and Corequisite: EEX 3202. This course covers methods of teaching social and personal skills for exceptional students. Emphasis is placed on employability skills, career awareness, and transition planning for adult living.

EEX 4604 - Educational Management of Exceptional Students 3
This course is designed to prepare teachers for the educational management of exceptional students with emphasis on classroom organization, behavior management and consultation skills.

EEX 4616 - Classroom Management of Learners with Exceptionalities 3
Prerequisites: EEX 3202 and EEX 4604. This course focuses on the behavioral and classroom support needs of learners with exceptionalities. Upon completion of this course students will be able to (a) design, manage, and maintain safe school and classroom environments conducive to learning, (b) implement teaching and intervention strategies derived from theory and best practice specifically designed to improve appropriate desirable behaviors and reduce behaviors that detract from the learning process, (c) recognize and describe signs of various kinds of abuse and be able to refer, document, and implement appropriate interventions in a manner consistent with professional codes of conduct.

EEX 4861 - Internship 3 - 12
Prerequisite: Completion of requirements prescribed on student’s program of study. Teaching competencies are demonstrated under the observation of a cooperating master teacher in the student’s major field. May be repeated up to 24 credits.

EEX 4905 - Individual Investigation and Study v. 1 - 3
Prerequisite: Permission required. A course which permits the student to investigate selected topics in a specialized area. May be repeated up to 15 credits.

EEX 4930 - Seminar in Special Education v. 1 - 3
Prerequisite: Permission of instructor. A seminar designed to equip special education students with the knowledge and skills necessary to effectively apply research findings in their areas of study. May be repeated up to 6 credits.

EHD 4245 - Language Development Deaf/Hard of Hearing 3
Prerequisites: EEX 4101 & EHD 4311. This course will provide an introduction to the development of language in children who are deaf or hard of hearing, and the effects of hearing loss on the development of English. Field experience is required.
EHD 4248 - Foundations of Literacy Development
Deaf/Hard of Hearing I
Prerequisites: EHD 4311, EEX 4101 & EHD 4245. Corequisite: EHD 4249. This course is designed to provide students with the necessary knowledge and skills to understand the development of literacy, through writing, reading, and signing in learners who are deaf or hard of hearing. Issues presented in this course are designed to complement content of the corequisite course entitled “Foundations of Literacy Development of Students Who Are Deaf or Hard of Hearing.”

EHD 4249 - Foundations of Literacy Development
Deaf/Hard of Hearing II
Prerequisites: EHD 4311, EEX 4101 & EHD 4245. Corequisite: EHD 4248. This course is designed to continue the development of necessary knowledge and skills to understand the development of literacy, through writing, reading, and signing in learners who are deaf or hard of hearing. Issues presented in this course are designed to complement content of the corequisite course entitled “Foundations of Literacy Development of Students Who Are Deaf or Hard of Hearing I” and include: an understanding of the reading process, the development of reading skills in deaf children, promoting reading in deaf children, reading instruction, integrating the instruction of reading and writing, monitoring the learning process in reading and writing, and literacy development through family involvement.

EHD 4261 - Audiology and Speech Science
Prerequisite: EHD 4311. A study of the physical characteristics of the speech and hearing mechanisms, the physical dimensions of sound, the psycho-acoustic aspects of sounds, and the relationships among these areas. Field experience required.

EHD 4311 - Psychology and Education of the Deaf
An introduction to the nature and needs of students who are deaf or hard of hearing with attention to identification, characteristics, assessment and intervention. The course will include the history and philosophy of deaf education. Field experience required.

EHD 4940 - Deaf Education Field Practicum
Prerequisites: EHD 4311, EHD 4245, and SPA 4620. Corequisite: SPA 4614. This course will provide deaf education majors an opportunity to observe deaf and hard of hearing students in classrooms and/or dormitory settings. Deaf education majors will interact with the deaf or hard of hearing students and observe both their culture and use of language. This course will consist of periodic group meetings to process the observations and field experiences.

ELD 3011 - Survey of Learning Disabilities
A survey of factors related to the education of the learning disabled. This course will focus on historical developments, causation, related concepts, educational considerations, and professional aspects.

ELD 4230 - Curriculum for Students with Learning Disabilities
Prerequisite: ELD 3011. This course provides an analysis of curricula appropriate for learning disabled students at all educational levels. Use and adaptation of curricular materials will be addressed as well as lesson and unit planning.

ELD 4243 - Instructional Strategies for Individuals with Learning Disabilities v. 2 - 3
This course addresses instructional strategies for teaching students with specific learning disabilities to include specialized approaches to teaching basic skills, metacognitive skills, and adaptation of curriculum and materials. Field experience required.

EMR 3011 - Survey of Mental Retardation
A survey of factors related to the education of the mentally retarded. This course will focus on historical developments, causation, related concepts, educational considerations, and professional aspects.

EMR 4222 - Specialized Curriculum for Students Who Are Mentally Handicapped
Prerequisite: EMR 3011. This course covers specialized curriculum for students who are mentally handicapped. The course content includes identification and application of effective practices and recognition of trends and standards in the field.

EMR 4362 - Instructional Strategies for Learners Who Are Mentally Handicapped
Instructional strategies for teaching students who are mentally handicapped are examined including development, implementation, and evaluation of individualized educational plans; specialized approaches to teaching functional skills, developmental programming; and data based management. Field experience required.

SPA 4614 - American Sign Language III
Prerequisites: SPA 4620 & SPA 4623. This course, a continuation of American Sign Language II, will emphasize the continued development of advanced sign vocabulary, compound complex grammatical constructions, usage and the development of advanced receptive and expressive conversational American Sign Language skills.

SPA 4615 - American Sign Language IV
Prerequisites: SPA 4620, SPA 4623 & SPA 4614. This course, a continuation of American Sign Language III, will emphasize the continued development of advanced sign vocabulary, compound complex grammatical constructions, usage and the development of advanced receptive and expressive conversational American Sign Language skills. The linguistic structures of American Sign Language will also be studied.

SPA 4620 - American Sign Language I
This course stresses the development of communicative and functional use of American Sign Language at the beginning level. This course gives the student the opportunity to develop basic ability in both receptive and expressive sign language skills.

SPA 4620L - American Sign Language Laboratory I
Corequisite: SPA 4620. This laboratory for American Sign Language students is designed to provide supplemental and extended practice in the understanding and use of the language. Taken in conjunction with ASL I, this lab provides the student with fundamental review and application of signs. Course is repeatable a maximum of 2 times.

SPA 4623 - American Sign Language II
Prerequisite: SPA 4620. This course is the second half of the beginning American Sign Language sequence. Students will continue to acquire the basic ability in both receptive and expressive sign language skills.

SPA 4623L - American Sign Language Laboratory II
Prerequisites: SPA 4620 and SPA 4620L. Corequisite: SPA 4623. This laboratory for American Sign Language students is designed to provide supplemental and extended practice in the understanding and use of the language. Taken in conjunction with ASL II, this lab provides the student with fundamental review and application of signs. Course is repeatable a maximum of 2 times.
Vocational and Technical Education

EIA 4360 - Special Methods in Technology Education 3
Instruction in teaching methods, devices, and techniques specific to the instructional area. Teaches lesson plans, curriculum frameworks, program standards; competency-based program organization, selecting and preparing instructional materials; organization and management of the technology education classroom and laboratory.

EVT 3065 - Principles of Vocational Education 3
Theories and principles of vocational education stressing the development, social and economic values, purposes and scope of different programs of vocational education in the total educational program. A basic course for individuals preparing to teach vocational subjects.

EVT 3165 - General Methods in Vocational and Technology Education 3
Prerequisite: Completion of skill training speciality. Involves teaching techniques; use of A-V materials and equipment, classroom management, relating basic skills and vocational education; program articulation and testing and evaluating in Vocational Education.

EVT 3192 - Introduction to Technology Education 3
An introduction to the structure of technology education by identifying and analyzing its component parts and examining technology in the affairs of society. The course will also introduce students to current technology education programs.

EVT 3380 - Special Methods in Vocational Education 3
Teaching methods, devices and techniques specific to the instructional area. Lesson plans, curriculum frameworks and program standard; competency-based program organization and selecting and preparing instructional materials; organization and management of the vocational classroom and laboratory.

EVT 4502 - Vocational Education for Special Needs Student 3
The major components of a comprehensive vocational special needs program and an understanding of major related legislature; the identification of students with special needs and the counseling and guidance of these students; and development of instructional programs and techniques for teaching special needs.

EVT 4904 - Individual Study and Research v. 1 - 3
Prerequisite: Permission of instructor. An individual study course which permits the student to select topics in a special field. Seminars and reporting techniques are involved. May be repeated up to 36 credits.

EVT 4940 - Student Teaching 12
Prerequisite: College of Education and Human Services core courses within the program and/or permission of chairperson. A concentrated internship under a master teacher. Designed as a culminating experience which allows the student an opportunity to practice skills under careful observation in cooperation with a skilled practitioner.

TRA 3065 - Transportation, Energy and Power Systems 3
Needs, preparation, methods, destination and control of transportation, energy and power systems as it reacts to society and industry. The technology system model will be used to study these three technologies.
The demand for highly educated men and women to fill a diversity of health related professional roles is rapidly increasing. The faculty of the College of Health is committed to meeting this need through high quality educational programs, research, and service that contribute to the knowledge base from which the solutions to contemporary health problems must be drawn. Of foremost importance in this endeavor is the educational preparation of responsible health professionals who will respond to the needs of the region served by the University of North Florida.

The College provides an administrative structure for all health related programs at the University within three units: the Department of Public Health, the Department of Athletic Training and Physical Therapy, and the School of Nursing. The College also houses the Center for Drug Prevention Research. This center is primarily concerned with research and community service.

**Advisement** Each student must have an official program of study filed with the Advising Office of the College. Students must meet with an advisor concerning their program requirements as early as possible before registration for the first semester at UNF. The College of Health Advising Office is located in the College of Health Building, 39, Room 3025A. The phone number is (904) 620-2812.

**Notes:**
1. Prerequisites and programs of study may vary due to mandates and accreditation requirements. Students should contact the College of Health Advising Office for further information.
2. College of Health students who wish to pursue more than one minor should contact the College of Health Advising Office.

**School of Nursing 620-2684**

Lillia Loriz, Associate Professor and Director, School of Nursing and MSN Coordinator

Pamela S. Chally, Professor and Dean, College of Health

Patricia H. Foster, Associate Professor

Doreen Radjenovic, Associate Professor

Lucy B. Trice, Associate Professor and Associate Dean, College of Health

M. Catherine Hough, Assistant Professor

Barbara Kruger, Assistant Professor

Jan Meires, Assistant Professor

Katherine Robinson, Assistant Professor

William D. Ahrens, Instructor

Shirley Anderson, Instructor

Michele Bednarzyk, Instructor

Judy Comeaux, Instructor

Peggy L. Hoff, Instructor

Barbara Olinzock, Instructor, RN-BSN Coordinator

Debra Wagner, Instructor

Barbara Fletcher, Clinical Associate Professor

Linda Smith, Clinical Assistant Professor

Nancy Burk, Clinical Instructor

Corrine Hodak, Clinical Instructor

Mimi Holman, Clinical Instructor

Susan Leger-Krall, Clinical Instructor

Nancy Pitruzello, Clinical Instructor
Baccalaureate Nursing Program

The baccalaureate nursing program is accredited by the National League for Nursing Accrediting Commission and is committed to providing opportunities for students to pursue their first professional degree in nursing. The program is designed to encompass both liberal arts and professional studies. The primary goal of the program is to prepare nurses to practice effectively in a variety of settings and administer nursing care which promotes, maintains, and restores health to individuals, families and communities. Leadership and a commitment to the profession through research are included in the competencies of the program. Graduates are prepared to function not only as professional practitioners, but also as educated citizens capable of effecting and dealing with change in society. The program also provides a strong basis for continuing education and graduate study in nursing.

Graduates of the UNF baccalaureate nursing program:
1. Apply knowledge from nursing science, natural and social sciences, mathematics and the humanities when making clinical judgments in providing and designing care for individuals, families and communities.
2. Use the UNF Adaptation Framework as a basis for professional nursing practice.
3. Use critical thinking skills through the nursing process to promote, maintain and/or restore an optimal level of health for individuals, families and communities throughout the lifespan in a variety of environments.
4. Demonstrate beginning leadership and interdisciplinary collaboration skills in the provision, delegation, supervision, and coordination of care.
5. Participate in research, evaluate nursing interventions and outcomes, and integrate scientific findings into evidence-based professional nursing practice.
6. Demonstrate ethical professional behavior with patients, colleagues and others in fostering patient advocacy and professional accountability.
7. Incorporate in practice the professional nursing standards, effective written and verbal communication skills, and the use of media resources and information technology.
8. Establish goals for future personal and professional growth through commitment to lifelong learning.

Admission

The School of Nursing baccalaureate program admits students without a prior nursing degree (Prelicensure BSN track) as well as those from associate degree and hospital diploma programs (RN-BSN track). The application deadline for the Prelicensure BSN track is January 15 for the May class and March 15 for the August class. Students in both tracks must meet the general requirements of the University relative to semester hours (at least 60) in lower-level courses, grade point average, and general education course distribution (see the Academic Policies section of this catalog). Part of the general educational and pre-professional course requirements may be met by the General and Subject Area Tests of the College-Level Examination Program (CLEP). Selected standardized tests and an interview may be used to assist in determining candidates for admission to the Prelicensure BSN track. Students should be aware that because admission to the Prelicensure BSN track is very competitive, completion of minimum requirements does not guarantee admission. Applicants to this track should keep in touch with the College of Health Admissions Coordinator to ensure that they have current information about admission requirements.

NLN Mobility Profile II examinations are used to validate nursing knowledge of students in the RN-BSN track for 30 semester hours of upper-level credit. These examinations are given three times per year through the office of Career Services and Testing. The NLN Mobility Profile II must be successfully completed prior to or concurrently with enrolling in the first clinical course.

Students in the RN-BSN track may request exemption from the Mobility Profile II examination requirement by submitting to the RN-BSN Coordinator one of the following:

1. documentation of successful completion of the NCLEX within two years immediately prior to acceptance and enrollment in the RN-BSN track;
   or
2. for those whose successful completion of the NCLEX occurred more than two years ago, documentation of a minimum of one year of full-time clinical practice as a Registered Nurse in the three years immediately prior to acceptance and enrollment in the RN-BSN track.

Forms requesting exemption from the NLN Mobility Profile II examination may be obtained from the RN-BSN Coordinator. Students who are admitted, do not enroll in nursing coursework, and then seek readmission at a later date, must resubmit the request for exemption. These 30 credits are awarded in the last semester of student’s program of study.

The pre-professional courses required for admission to the nursing program fall within the general education course distribution required by UNF. A minimum grade of C must be earned in each pre-professional course and the overall GPA must be at least 2.7 on a 4.0 scale.

RN-BSN Curriculum Plan

Registered Nurse students majoring in nursing at UNF must maintain an active license as an RN in Florida. In addition, in order to participate in the clinical nursing courses, all students must have liability insurance coverage, CPR certification, tuberculin skin test or chest x-ray, immunization against hepatitis B, a positive history of chicken pox or vaccine, and an FDLE background check. A health report must be completed prior to enrollment in clinical courses.
Major: Nursing  
Track: Nursing-RN  
Degree: Bachelor of Science in Nursing

Prerequisites  (31 SEMESTER HOURS)  
Grade of C or higher required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG 2000</td>
<td>3.0</td>
<td>Intro To Sociology</td>
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<tr>
<td>PSY 2012</td>
<td>3.0</td>
<td>Intro To Psy</td>
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<tr>
<td>STA 2014</td>
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<td>Gr(M)Elem Sta-Hlth/SS</td>
</tr>
<tr>
<td>HUN 2201</td>
<td>3.0</td>
<td>Basic Prin Humn Nutn</td>
</tr>
</tbody>
</table>

Any intro to sociology may be substituted for SYG 2000.  
Any general psychology may be substituted for PSY 2012.  
Any statistic course may be substituted for STA 2014.  
Any human nutrition course may be substituted for HUN 2201.

MCB 2013 C  4.0  Microbiology  
Any MCB with lab may be substituted for MCB 2013C  
Any human anatomy physiology I or human anatomy.  

BSC 2085 C  4.0  Anatomy/Physiology II  
Any human anatomy physiology II or human anatomy.

Developmental Psychology
DEP 3054    3.0  Lifespan Dev Psych  
Any human growth & development across life span may substitute

CHM 2045 C  4.0  Gen Chemistry I  
Any comprehensive college general chemistry, but not lower level principles courses (e.g. CHM 1025)

Nursing students may take microbiology without General Chemistry II only if General Biology and General Chemistry I have been taken with passing grades.

Major Requirements  (61 SEMESTER HOURS)  
* before validation credits (up to 30 sem hrs) Level II

NUR 3065 L  3.0  Health Assessment  
NUR 4827    3.0  Lead/Manage In Nurs  
NUR 3080    3.0  Transitn Concepts I  
NUR 3080 L  1.0  Transitn Clinical I  
NUR 3082    3.0  Transitn Concepts II  
NUR 3082 L  1.0  Transitn Clinical II  
NUR 3166    1.0  Nursing Science I  
NUR 3167    2.0  Nursing Science II  
NUR 4168    1.0  Nursing Science III  
NUR 4826    2.0  Nursing Ethics  
NUR 4636    3.0  Community Partners  
NUR 4636 L  2.0  Comm Nurs Pract  
NUR 4828    2.0  Role Transition  
NUR 4945 L  4.0  Dir Clinical Study

Free Electives (3000 - 4000 LEVEL) (03 SEMESTER HOURS)

Total upper division credits (64 semester hours)

Because all courses are not offered every semester, students should develop a program of study during their first semester. Students who have “stopped-out” for one or more semesters will need to negotiate their programs of study during their first semester of re-enrollment.

Pre-licensure BSN Curriculum Plan

Prior to the beginning of nursing classes all students are required to have current liability insurance, CPR certification, tuberculin skin test or chest x-ray, immunization against hepatitis B, history of chicken pox or vaccine, an FDLE background check, and to have completed a health report.

Major: Nursing  
Track: Pre-licensure  
Degree: Bachelor of Science in Nursing

Prerequisites  (31 SEMESTER HOURS)  
Grade of C or higher required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG 2000</td>
<td>3.0</td>
<td>Intro To Sociology</td>
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<tr>
<td>PSY 2012</td>
<td>3.0</td>
<td>Intro To Psy</td>
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<tr>
<td>STA 2014</td>
<td>3.0</td>
<td>Gr(M)Elem Sta-Hlth/SS</td>
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<tr>
<td>HUN 2201</td>
<td>3.0</td>
<td>Basic Prin Humn Nutn</td>
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</tbody>
</table>

Any intro to sociology may be substituted for SYG 2000.  
Any general psychology may be substituted for PSY 2012.  
Any statistic course may be substituted for STA 2014.  
Any human nutrition course may be substituted for HUN 2201.

MCB 2013 C  4.0  Microbiology  
Any MCB with lab may be substituted for MCB 2013C  
Any human anatomy physiology I or human anatomy.  

BSC 2085 C  4.0  Anatomy/Physiology I  
Any human anatomy physiology I or human anatomy.

Developmental Psychology
DEP 3054    3.0  Lifespan Dev Psych  
Any human growth & development across life span may substitute

CHM 2045 C  4.0  Gen Chemistry I  
Any comprehensive college general chemistry, but not lower level principles courses (e.g. CHM 1025)

Nursing students may take microbiology without General Chemistry II only if General Biology and General Chemistry I have been taken with passing grades.

Major Requirements  (61 SEMESTER HOURS)  
* nursing validation credits (up to 30 sem hrs) Level II

NUR 3065 L  3.0  Health Assessment  
NUR 4827    3.0  Lead/Manage In Nurs  
NUR 3080    3.0  Transitn Concepts I  
NUR 3080 L  1.0  Transitn Clinical I  
NUR 3082    3.0  Transitn Concepts II  
NUR 3082 L  1.0  Transitn Clinical II  
NUR 3166    1.0  Nursing Science I  
NUR 3167    2.0  Nursing Science II  
NUR 4168    1.0  Nursing Science III  
NUR 4826    2.0  Nursing Ethics  
NUR 4636    3.0  Community Partners  
NUR 4636 L  2.0  Comm Nurs Pract  
NUR 4828    2.0  Role Transition  
NUR 4945 L  4.0  Dir Clinical Study

Free Electives (3000 - 4000 LEVEL) (03 SEMESTER HOURS)

Total upper division credits (64 semester hours)

College of Health  265
Nursing students may take microbiology without General Chemistry II only if General Biology and General Chemistry I have been taken with passing grades.

**Major Requirements** (64 SEMESTER HOURS)

**First semester** (13 semester hours)
- NUR 3065 L 3.0 Health Assessment
- NUR 3119 2.0 Socialization
- NUR 3618 2.0 Assmnt Care Family
- NUR 3619 2.0 Community Assessment
- NUR 3166 1.0 Nursing Science I
- NUR 3026 L 1.0 Nurs Therapeutics I
- NUR 3118 L 2.0 Clin Nurs Practice

**Second semester** (13 semester hours)
- NUR 3536 4.0 Psych/Rehab Nurs
- NUR 3536 L 5.0 Psych/Rehab Pract
- NUR 3128 4.0 Patho/Pharm

**Third semester** (12 semester hours)
- NUR 3167 2.0 Nursing Science II
- NUR 3255 4.0 Adult Hlth Nursng
- NUR 3255 L 5.0 Adult Hlth Pract
- NUR 3027 L 1.0 Nurs Therapeutics II

**Fourth semester** (14 semester hours)
- NUR 4826 2.0 Nursing Ethics
- NUR 4827 3.0 Lead/Manage In Nurs
- NUR 4465 2.0 Women/Peds Nurs
- NUR 4465 L 4.0 Women/Peds Pract

Select 3 semester hour elective (3000/4000 level with NUR or HSC prefix)
- NUR/HSC

**Fifth semester** (12 semester hours)
- NUR 4828 2.0 Role Transition
- NUR 4168 1.0 Nursing Science III
- NUR 4636 3.0 Community Partners
- NUR 4636 L 2.0 Comm Nurs Pract
- NUR 4945 L 4.0 Dir Clinical Study

* an approved concurrent enrollment form is required prior to registering for courses at another institution.
* students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment in their last semester.
* any grade of less than a “C” in a required School of Nursing course will be considered a failing grade.
* only two nursing courses in which a student received a grade of less than a “C”, “P”, or “WP” may be repeated prior to dismissal from the program.
* third attempts of the same course at UNF will incur a substantial surcharge per credit hour. See the UNF catalog or course schedule booklet for more information.
* students must apply for graduation in the records office, or on-line by the fourth week of the semester graduating.

### Pre-licensure Accelerated BSN Curriculum Plan

This is a track designed for those already holding a baccalaureate in another field and desiring a career in nursing. The Accelerated BSN Track is concentrated, and can be completed in 3.5 consecutive semesters of full-time study, beginning with the summer term. Admission requirements for this track include completion of all prerequisites for the nursing program, a 3.0 GPA in the previous baccalaureate program and a 3.0 GPA in the nursing prerequisite courses. Deadline for application is January 15 each year. Clinical courses will carry a 1:4 credit to contact hour ratio. Prior to the beginning of nursing classes all students are required to have current liability insurance, CPR certification, tuberculin skin test or chest x-ray, immunization against hepatitis B, history of chicken pox or vaccine, and FDLE background check, and to have completed a health report.

**Major: Nursing**
**Track: Prelicensure Accelerated Nursing**
**Degree: Bachelor of Science in Nursing**

**Prerequisites** (31 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Intro To Sociology</td>
</tr>
<tr>
<td>PSY 2012</td>
<td>3.0</td>
<td>Intro To Psy</td>
</tr>
<tr>
<td>STA 2014</td>
<td>3.0</td>
<td>G(M)Elem Sta-Hlth/SS</td>
</tr>
<tr>
<td>HUN 2201</td>
<td>3.0</td>
<td>Basic Prin Humn Nutn</td>
</tr>
<tr>
<td>MCB 2013C</td>
<td>4.0</td>
<td>Microbiology</td>
</tr>
<tr>
<td>MCB x010C or any MCB with lab may be substituted for MCB 2013C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSC 2085 C</td>
<td>4.0</td>
<td>Anatomy/Physiology I</td>
</tr>
<tr>
<td>BSC 2086 C</td>
<td>4.0</td>
<td>Anat/Physiology II</td>
</tr>
<tr>
<td>DEP 3054</td>
<td>3.0</td>
<td>Lifespan Dev Psych</td>
</tr>
<tr>
<td>CHM 2045 C</td>
<td>4.0</td>
<td>Gen Chemistry I</td>
</tr>
<tr>
<td>Or any comprehensive college general chemistry, but not lower level principles courses (e.g. CHM 1025)</td>
<td></td>
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</tr>
</tbody>
</table>

Nursing students may take Microbiology without General Chemistry II only if General Biology and General Chemistry I have been taken with passing grades.
Major Requirements (51 SEMESTER HOURS)

First semester: Summer (15 semester hours)
- NUR 3065 L 3.0 Health Assessment
- NUR 3618 2.0 Assmnt Care Family
- NUR 3619 2.0 Community Assessment
- NUR 3930 L AQ 2.0 Clin Practicum I
- NUR 3930 L AP 2.0 Nurs Competencies
- NUR 3930 AO 4.0 Prof Nurs Concepts

Second semester: Fall (18 semester hours)
- NUR 3536 4.0 Psych/Rehab Nurs
- NUR 3255 4.0 Adult Hlth Nursng
- NUR 3128 4.0 Patho/Pharm
- NUR 3930 L AR 6.0 Clin Practicum II

Third semester: Spring (13 semester hours)
- NUR 3167 2.0 Nursing Science II
- NUR 4465 2.0 Women/Peds Nurs
- NUR 4636 3.0 Community Partners
- NUR 4828 2.0 Role Transition
- NUR 4930 L AD 4.0 Clin Practicum III

Fourth semester: Summer A (5 semester hours)
- NUR 4168 1.0 Nursing Science III
- NUR 4930 L AE 4.0 Clin Praciticn IV

* an approved concurrent enrollment form is required prior to registering for courses at another institution.
* students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment in their last semester.
* any grade of less than a “C” in a required School of Nursing course will be considered a failing grade.
* only two nursing courses in which a student received a grade of less than a “C”, “P”, or “WP” may be repeated prior to dismissal from the program.
* third attempts of the same course at UNF will incur a substantial surcharge per credit hour. See the UNF catalog or course schedule booklet for more information.
* students must apply for graduation in the records office, or on-line by the fourth week of the semester graduating.

For further information on the admission requirements, the pre-professional course requirements, the baccalaureate program of study, and the graduation requirements, please visit our website or contact the COH Advising Office at UNF, 4567 St. Johns Bluff Road, South, Jacksonville, Florida 32224-2673, telephone (904) 620-2812. The National League for Nursing Accrediting Commission (NLNAC) is a resource for required tuition, fees and length of the program. NLNAC can be reached at 61 Broadway, 33rd Floor, New York, NY 10006, telephone (800) 669-1656, ext. 153.

Department of Public Health  620-2840

Judith C. Rodriguez, Chair and Associate Professor
Chudley E. Werch, Research Professor
Joan Farrell, Professor
Cynthia Nyquist-Battle, Professor
Jeanne Patterson, Professor
Judy E. Perkin, Professor
Betty G. Gilkison, Associate Professor
Cynthia Scott, Associate Professor
Terry R. Tabor, Associate Professor
Simin B. Vaghefi, Associate Professor
Sharon T. Wilburn, Associate Professor
Catherine Christie, Assistant Professor
Kerry L. Clark, Assistant Professor
Jeffrey Harrison, Assistant Professor
Michele J. Moore, Assistant Professor
JoAnn Nolin, Assistant Professor

David Courtwright, Professor (Joint Appointment with COAS)
Jeffrey Goldhagen, Professor (Courtesy Appointment with Duval County Health Department)
Donald (Rob) Haley, Visiting Assistant Professor
Aaron Hilliard, Clinical Professor (Courtesy Appointment with Duval County Health Department)
Edward A. Johnson, Professor (Collaborative Appointment with CCOB)
William C. Mason, Executive in Residence
Jeffrey E. Michelman, Associate Professor (Collaborative Appointment with CCOB)
Steven K. Paulson, Professor (Collaborative Appointment with CCOB)
Theodore J. Stumm, Associate Professor (Collaborative Appointment with COAS)

Bachelor’s Degree Programs The Department of Public Health offers programs culminating in a Bachelor of Science in Health (B.S.H.) degree. Students who earn the B.S.H. degree are qualified to work in a variety of community health, business and educational organizations such as public health departments, nursing homes/retirement residences, home health agencies, alcohol/drug programs, wellness/fitness centers, schools, hospitals, health maintenance organizations, medical group practices, managed care organizations, and insurance companies.

Health science professionals must have a broad knowledge base. They must be problem solvers who understand the contemporary health scene and are able to assess, design, implement and evaluate a wide range of health related programs and services utilized by a variety of populations. They must think critically, analyze and assist in research, and communicate effectively with health science professionals and the public at large.

The primary goal of the undergraduate program is to provide students with the entry skills needed by health science professionals. This is accomplished through a set of core and contextual courses and for some programs of study, an
internship. Students must apply the semester prior to their planned internship. Contact the Advising Office for the application deadline. An opportunity to pursue special interests is provided through tracks and minor areas of study. For some programs of study additional flexibility exists within program electives.

There are also options for students outside the College of Health. A University-wide minor in Health Science is available for non-Health Science majors. Students interested in the Health Science minor should contact the College of Health Advising Office at 620-2812. Individuals interested in health teacher certification in Florida should contact the College of Education and Human Services (COEHS) Student Services Office, 620-2530.

Admission Requirements Applicants must meet minimum requirements for admission to undergraduate programs as established by the Florida Board of Education and the University of North Florida. It is recommended that core courses in the minor areas of study be taken before progression to the contextual courses. See the corresponding sections for further information. All programs presuppose that students have sufficient academic background to pursue the professional courses provided in the College of Health and the Department of Public Health. Program requirements for the various tracks of study are as follows:

Major: Health Science
Track: Community Health
Degree: Bachelor Of Science In Health

Prerequisites (28 SEMESTER HOURS)
- PSY 2012 3.0 Intro To Psy
- MAC 1105 3.0 G(M) College Algebra
- CHM 2045 C 4.0 Gen Chemistry I
- MCB 2013 C 4.0 Microbiology
- Or MCB With Lab
  - MCB
  - BSC 2085 C 4.0 Anatomy/Physiology I
  - BSC 2086 C 4.0 Anat/Physiology II
- Or any anatomy and physiology w/lab courses

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

Computer Course
- CGS 1100 3.0 Cmprtr App For Bus
- CGS 1570 3.0 Microcmptr App Softw
- Or CGS

Requisites (03 SEMESTER HOURS)
- HSC 2100 3.0 Persnl Hlth:Iss/Prob

Core Requirements (12 SEMESTER HOURS)
- HSC 3500 3.0 Epidemiology
- HSC 4730 3.0 Found:Hlth See Rsrch
- HSA 4553 3.0 Hlth Law And Ethics
- HSC 3551 3.0 Dis Prevtn Invtn&Trt

Major Requirements (21 SEMESTER HOURS)
- HSC 3032 3.0 Found Of Hlth Edu
- HSC 3241 3.0 Hlth Needs Assemnt
- HSC 3581 3.0 Planning Health Prog
- HSC 3712 3.0 Eval Of Hlth Progs
- HSC 3304 3.0 Instruc Mths Hlth Ed

** the internship must be completed during the student’s last academic semester. It is the student’s responsibility to contact the internship supervisor at least one semester prior to registering for internship. Students should access the internship handbook at www.unf.edu/coh (click on Community Health)**

Internship (6 Hours)
- HSC 4814 1-9 Comm Service Intern

Required Minor (18 SEMESTER HOURS)
Students may choose from Aging/Adult Studies, Exercise Science, or Health Education.

Electives (3000 - 4000 LEVEL) (09 SEMESTER HOURS)
Select Three Courses
- HSA/HSC

* students should refer to the university catalog for prerequisites to individual courses.
* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.
* a grade of “C” or higher required in all course work.
* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
* students must apply for graduation in the records office, or on-line by the fourth week of the semester graduating.
* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.

Minor: Aging/Adult Studies Minor

Minor Requirements (18 SEMESTER HOURS)
Aging/Adult Studies
- HSC 4563 3.0 Dimens:Hlth Oldr Adu
- DEP 4404 3.0 Psychology Of Aging
- HSA 3210 3.0 Long Term Care Admin
- HSA 4939 3.0 Seminar Lng Trm Admn
- DEP 4482 3.0 Death And Dying
- SYP 4730 3.0 Sociology Of Aging

Minor: Exercise Science Minor

Minor Requirements (18 SEMESTER HOURS)
Exercise Science
- PET 3312 C 3.0 Biomechanics
- PET 4550 3.0 Phy Ftn Assess & Ep
- HSC 4612 3.0 Ex Phy For Hlth Sci
- HSC 4572 3.0 Nutrition/Health
- PET 3080 3.0 Physcl Actv & Heath
- PEP 4135 3.0 Prin Strgth/Condtion
### Minor: Health Education Minor

**Minor Requirements (18 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Description</th>
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<td>HSC 4563</td>
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<td>HSC 4134</td>
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<td>Sexuality Education</td>
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<td>HSC 4572</td>
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<td>Nutrition/Health</td>
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<tr>
<td>HSC 4150</td>
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<td>Sub Abuse &amp; Vil Prev</td>
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</table>

### Major: Health Science

**Track: Health Administration**

**Degree: Bachelor Of Science In Health**

**Prerequisites (32 SEMESTER HOURS)**

- Grade of C or Better Required
  - ACG 2021 3.0 Prin Financial Acc
  - ACG 2071 3.0 Prin Managerial Acc
  - ECO 2013 3.0 Princ Macroeconomics
  - ECO 2023 3.0 Princ Microeconomics
  - MAC 1105 3.0 G(M) College Algebra
  - PSY 2012 3.0 Intro To Psy
  - CHM 2045 C 4.0 Gen Chemistry I
  - BSC 1010 C 4.0 General Biology I

**Or**

- Select A Statistics Course
  - STA 2014 3.0 G(M)Elem Sta-Hlth/SS

**Or**

- STA

**Select A Computer Course**

- CGS 1100 3.0 Cmptr App For Bus
- CGS 1570 3.0 Microcmptr App Softw

**Core Requirements (09 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<td>Epidemiology</td>
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<td>HSC 4730</td>
<td>3.0</td>
<td>Found:Hlth Sce Rsrch</td>
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<tr>
<td>HSA 4553</td>
<td>3.0</td>
<td>Hlth Law And Ethics</td>
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**Major Requirements (39 SEMESTER HOURS)**

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<td>HSA 3100</td>
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<td>HSA 4170</td>
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<td>HSA 4930</td>
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<td>HSA 3383</td>
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<td>Quality Mgmt Hlth</td>
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<tr>
<td>MAN 4301</td>
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<td>Human Resource Mgmt</td>
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**internship Options**

Select one:

- HSA 4850 6.0 Hlthadm Internship
- HSA 4949 9.0 LTC Internship
- HSA 4970 6.0 Senior Project

*students planning to apply for the Long Term Care Administrator’s Examination must complete HSA 4941 “LTC Internship” and complete HSA 4939 and HSC 4563 in the elective category below.

HSA 4970 “Senior Project” option is available for students with significant administrative or management experience in the health field. Program director approval is required.

**Electives (12 SEMESTER HOURS)**

If completing 9 hour “Long Term Care Administration Internship,” take only 9 hours of electives (total 3 courses)

Select 4 Courses

<table>
<thead>
<tr>
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<th>Hours</th>
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<td>HSA 4938</td>
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<td>Seminar Managed Care</td>
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<td>HSC 4150</td>
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<td>Sub Abuse &amp; Vil Prev</td>
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<tr>
<td>HSC 4563</td>
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<td>HSC 4572</td>
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<td>Nutrition/Health</td>
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<tr>
<td>HSC 4906</td>
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<td>Indv Study/Research</td>
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<td>HSC 4934</td>
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<td>HSC 4900</td>
<td>1-3</td>
<td>Readings/Conference</td>
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<td>POS 4167</td>
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<td>Urban Policy/Plan</td>
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<td>POS 4233</td>
<td>3.0</td>
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<td>HSA 3710</td>
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<td>Hlth System Analysis</td>
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<tr>
<td>HSC 3523</td>
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<td>His.Medicine/Disease</td>
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<tr>
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<td>3.0</td>
<td>Health Trends/Issues</td>
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<tr>
<td>HSC 4653</td>
<td>3.0</td>
<td>Healthcare Ethics</td>
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<tr>
<td>HSC 4912</td>
<td>1-3</td>
<td>Projects</td>
</tr>
</tbody>
</table>

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* students are advised to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
* students must apply for graduation in the records office, or on-line by the fourth week of the semester graduating.
* students completing a health administration or community health internship must meet with an advisor at least one term prior to registering for internship to verify their academic eligibility status.
* program prerequisites must be completed by the second semester of enrollment at UNF.

**Major: Health Science**

**Track: Nutrition**

**Degree: Bachelor Of Science In Health**

**Prerequisites (40 semester hours)**

- Grade of C or Better Required
  - MAC 1105 3.0 G(M) College Algebra
  - STA 2014 3.0 G(M)Elem Sta-Hlth/SS
  - POS 2041 3.0 Intro American Gov
  - ECO 2023 3.0 Princ Microeconomics
  - ACG 2021 3.0 Prin Financial Acc
  - FSS 1202 2.0 Food Production
  - FSS 1202 L 1.0 Food Production Lab
  - HUN 2201 3.0 Basic Prin Humn Nutn
  - CHM 2045 C 4.0 Gen Chemistry I
The Nutrition and Dietetics Program has been developmentally accredited by the Commission on Accreditation for Dietetics Education (CADE). Successful graduates of this program are eligible to apply to CADE accredited dietetic internships or approved pre-professional practice programs (AP4s). Students must complete a CADE accredited postbaccalaureate internship or AP4 in order to be eligible to take the National Dietetic Registration Exam. The address and phone number for CADE is: 120 South Riverside Plaza, Chicago, Illinois 60606, phone: (312) 899-0040 ext. 5400 or 4872.

Major: Health Science
Track: Healthcare Leadership
Degree: Bachelor of Science in Health

Prerequisite
The prerequisite for enrolling in the Healthcare Leadership track of the BSH is completion of one of the Associate in Science degrees listed below from a Florida community college: Cardiovascular/Cardiopulmonary Technology, Culinary Management, Dental Hygiene, Dental Laboratory Technology and Management, Diagnostic Medical Sonography Technology, Dietetic Technician, Emergency Medical Services, Funeral Services, Health Information Management, Health Services Technology, Histologic Technology, Human Services, Medical Laboratory Technology, Nuclear Medicine Technology, Occupational Therapy Assistant, Optician, Physical Therapy Assistant, Radiation Protection Technology, Radiography, Respiratory Care, Veterinary Technology, or Vision Care Technology.

General Education Deficiencies
(3000 - 4000 LEVEL)
Six semester hours of general education requirements must be completed at UNF at the upper division (3000/4000) level. UNF concurrent enrollment policy will apply once students are in the BSH program.

The Nutrition and Dietetics Program has been developmentally accredited by the Commission on Accreditation for Dietetics Education (CADE). Successful graduates of this program are eligible to apply to CADE accredited dietetic internships or approved pre-professional practice programs (AP4s). Students must complete a CADE accredited postbaccalaureate internship or AP4 in order to be eligible to take the National Dietetic Registration Exam. The address and phone number for CADE is: 120 South Riverside Plaza, Chicago, Illinois 60606, phone: (312) 899-0040 ext. 5400 or 4872.

Major: Health Science
Track: Healthcare Leadership
Degree: Bachelor of Science in Health

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Free Electives  (12 SEMESTER HOURS)

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Major: Health Science  
Track: Professional Health Studies  
Degree: Bachelor Of Science In Health

Prerequisite
The prerequisite for enrolling in the Professional Health Studies track of the BSH is completion of one of the Associate in Science degrees listed below from a Florida community college: Cardiovascular/ Cardiopulmonary Technology, Culinary Management, Dental Hygiene, Dental Laboratory Technology and Management, Diagnostic Medical Sonography Technology, Dietetic Technician, Emergency Medical Services, Funeral Services, Health Information Management, Health Services Technology, Histologic Technology, Human Services, Medical Laboratory Technology, Nuclear Medicine Technology, Occupational Therapy Assistant, Optician, Physical Therapy Assistant, Radiation Protection Technology, Radiography, Respiratory Care, Veterinary Technology, or Vision Care Technology.

General Education Deficiencies  
(3000 - 4000 LEVEL)  
(06 SEMESTER HOURS)
Six semester hours of general education requirements must be completed at UNF at the upper division (3000/4000) level. UNF concurrent enrollment policy will apply once students are in the BSH program.

Major Requirements  
(27 SEMESTER HOURS)

<table>
<thead>
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<th>Credit Hours</th>
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<tr>
<td>HSC 3500</td>
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</tr>
<tr>
<td>HSC 4730</td>
<td>Found:Hlth Sce Rsrch</td>
<td>3.0</td>
</tr>
<tr>
<td>HSA 4553</td>
<td>Hlth Law And Ethics</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 3551</td>
<td>Dis Prevtn Invtn&amp;Trt</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 3032</td>
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<tr>
<td>HSC 3241</td>
<td>Hlth Needs Assemnt</td>
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<td>HSC 3581</td>
<td>Planning Health Prog</td>
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</tr>
<tr>
<td>HSC 3304</td>
<td>Instruc Mlhs Hlth Ed</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 3712</td>
<td>Eval Of Hlth Progs</td>
<td>3.0</td>
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Electives  
(15 SEMESTER HOURS)
Select Five Courses

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<th>Credit Hours</th>
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<tr>
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<td>HSA 3109</td>
<td>Foundations Man Care</td>
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</tr>
<tr>
<td>HSA 4111</td>
<td>U.S. Health Care Sys</td>
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</tr>
<tr>
<td>HSA 3191</td>
<td>Hlth Info Systems I</td>
<td>3.0</td>
</tr>
<tr>
<td>HSA 3210</td>
<td>Long Term Care Admin</td>
<td>3.0</td>
</tr>
<tr>
<td>HSA 4939</td>
<td>Seminar Lng Trm Admn</td>
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</tr>
<tr>
<td>HSC 4150</td>
<td>Sub Abuse &amp; Vil Prev</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HSC 4563</td>
<td>Dimens:Hlth Oldr Adu</td>
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</tr>
<tr>
<td>HSC 4653</td>
<td>Healthcare Ethics</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 4572</td>
<td>Nutrition/Health</td>
<td>3.0</td>
</tr>
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<td>HSC 4134</td>
<td>Mental &amp; Emotal Hlth</td>
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<td>HSC 4133</td>
<td>Sexuality Education</td>
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<tr>
<td>PET 3080</td>
<td>Physcl Actvty &amp; Health</td>
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</tr>
</tbody>
</table>

Free Electives  
(12 SEMESTER HOURS)

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University Minor in Health Science
Departments or divisions that wish to offer a minor in Health Science may do so provided they meet the requirements given below, including the prerequisites for all courses in which the student enrolls.

Minor: Health Science Minor  
Minor Requirements  
(18 SEMESTER HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HSC 3551</td>
<td>Dis Prevtn Invtn&amp;Trt</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 3500</td>
<td>Epidemiology</td>
<td>3.0</td>
</tr>
<tr>
<td>HSA 4111</td>
<td>U.S. Health Care Sys</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 4730</td>
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</tr>
<tr>
<td>HSC 4104</td>
<td>Lifestyle Modificatn</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 4150</td>
<td>Sub Abuse &amp; Vil Prev</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 4563</td>
<td>Dimens:Hlth Oldr Adu</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 4572</td>
<td>Nutrition/Health</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 3633</td>
<td>Health Trends/Issues</td>
<td>3.0</td>
</tr>
<tr>
<td>HSC 4653</td>
<td>Healthcare Ethics</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Departments or divisions wishing to offer a minor in Health Science should discuss the issue with a representative of the College prior to submitting formal program material. The College will help in selecting specific courses which will be most helpful for students.
The Center for Drug Prevention Research

The Center for Drug Prevention Research is the only officially designated Type II Center in the Florida State University System whose mission is to study the prevention and intervention of alcohol, tobacco and other drug consumption problems. Self-sustaining through its grant and contract activities, the nationally renowned Center conducts research and evaluation projects aimed at the development and testing of innovative, science-based prevention and intervention technologies.

During the past decade, the Center has administered eight and a half million dollars in grants and contracts awarded from numerous federal, state and local organizations. Recent granting agencies have included the National Institute on Alcohol Abuse and Alcoholism of the National Institutes of Health, the U.S. Department of Education, and the Jacksonville Jaguars Foundation. The Center has successfully collaborated with dozens of community agencies, including local and regional hospitals and clinics, schools, businesses and worksites, colleges and universities, government agencies, public health entities, and social service agencies, to conduct prevention research projects.

The major types of projects, which are the hallmark of the nationally renowned Center include: 1) research and evaluation projects aimed at developing and testing innovative and cost-effective science-based prevention and intervention programs tailored to individual risk and protective factors of specific populations; 2) education and training projects aimed at developing, collecting and disseminating new scientific prevention and health promotion technologies, strategies and data to those within schools, colleges, government agencies, businesses, health and social organizations, and the general public; and 3) consultations to inform public policy concerning alcohol, tobacco and other drug use problems and their prevention within specific groups.

Center functions are varied, but primarily include research, evaluation, training, information access and transfer, and policy development. The specific functions of the Center include:

a) Administering drug prevention, intervention and health promotion strategy research and evaluation projects;
b) Promoting collaborative drug prevention and intervention grantwriting and cross-disciplinary research;
c) Sponsoring drug prevention and intervention research workshops, lectures, colloquia and seminars;
d) Publishing research abstracts and papers;
e) Providing drug prevention intervention and consultation services for individuals and groups;
f) Maintaining a core data bank of drug use and health behavior research and evaluation information;
g) Facilitating student fieldwork experiences in planning, managing and evaluating alcohol and other drug use prevention and intervention programs;
h) Providing information and consultation on public policy issues concerning drug use and problems.

Department of Athletic Training and Physical Therapy 620-2841

John P. Cummings, Chair and Associate Professor
Joel W. Beam, Assistant Professor
Kevin M. Helgeson, Assistant Professor
Christopher J. Joyce, Assistant Professor
A. Russell Smith, Assistant Professor
Kay H. Tasso, Assistant Professor
Mary T. Thigpen, Assistant Professor
Dawn M. Saracino, Instructor

Athletic Training Education Program

The Department of Athletic Training and Physical Therapy offers a program leading to the Bachelor of Science in Health (BSH) with a track in Athletic Training (AT). UNF has received full accreditation of its Athletic Training Education Program from the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The address and phone number for CAAHEP is: 35 E. Wacker Dr., Suite 1970, Chicago, Illinois 60601-2208, phone: (312) 553-9355.

The program is designed to prepare students for entry into the athletic training profession upon graduation with the BSH. The curriculum includes both classroom and clinical experiences. A variety of clinical settings will be available to the student including hospitals, outpatient orthopedic sports medicine clinics, local college and high school athletic training rooms, and with professional teams. Students in the Athletic Training Education program will develop skills in the prevention, care, and rehabilitation of injuries and illnesses occurring in the physically active population. In addition to the degree requirements listed, additional clinical courses are necessary for students to be eligible to take the national certification examination administered by the National Athletic Trainers Association Board of Certification.

Admissions: Applicants to the Athletic Training Education program should keep in touch with the College of Health Advising Office and the program director to ensure that they have current information about admission requirements. At time of admission, students must have completed the required prerequisite courses. Students considered most competitive for admission may be requested to participate in an interview process and/or to submit written work. Students will also be required to meet specific technical standards. Application deadline for admission into the program is May 1 of each
year. Completion of minimum requirements does not guarantee acceptance into the Athletic Training Education program.

**Athletic Training Curriculum Plan:** As part of the curriculum plan, students spend time in daily clinical rotations arranged by the Athletic Training Education program. Students must comply with requirements as specified by the program prior to clinical experiences. Prior to program admission, students should confirm curriculum courses and sequencing with the program director.

**Major: Health Science**
**Track: Athletic Training**
**Degree: Bachelor Of Science In Health**

**Prerequisites (31 SEMESTER HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Hours</th>
<th>Course Title</th>
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<tbody>
<tr>
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<td>General Biology I</td>
</tr>
<tr>
<td>CHM 2045 C</td>
<td>4.0</td>
<td>Gen Chemistry I</td>
</tr>
<tr>
<td>PHY 2053</td>
<td>3.0</td>
<td>Algebra Physics I</td>
</tr>
<tr>
<td>PHY 2053 L</td>
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<td>Algebra Physics I Lab</td>
</tr>
<tr>
<td>BSC 2085 C</td>
<td>4.0</td>
<td>Anatomy/Physiology I</td>
</tr>
<tr>
<td>BSC 2086 C</td>
<td>4.0</td>
<td>Anat/Physiology II</td>
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<tr>
<td>PSY 2012</td>
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<td>Intro To Psy</td>
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<td>STA 2014</td>
<td>3.0</td>
<td>G(M)Elem Sta-Hlth/SS</td>
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<td>HUN 2201</td>
<td>3.0</td>
<td>Basic Prin Humn Nutn</td>
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<tr>
<td>HSC 2400</td>
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<td>First Aid Emerg Care</td>
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**Core Requirements (06 SEMESTER HOURS)**

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<th>Course Code</th>
<th>Hours</th>
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<tr>
<td>HSC 3551</td>
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<td>Dis Prevtn Invtn&amp;Trt</td>
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<td>HSC 4730</td>
<td>3.0</td>
<td>Found:Hlth Sce Rsrch</td>
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**Major Requirements (54 SEMESTER HOURS)**

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<thead>
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<th>Course Code</th>
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<td>3.0</td>
<td>Intro Sports Med</td>
</tr>
<tr>
<td>PET 3620</td>
<td>3.0</td>
<td>Intro Ath Injuries</td>
</tr>
<tr>
<td>PET 3312 C</td>
<td>3.0</td>
<td>Biomechanics</td>
</tr>
<tr>
<td>HSC 4612</td>
<td>3.0</td>
<td>Ex Phy For Hlth Sci</td>
</tr>
<tr>
<td>PET 3670</td>
<td>3.0</td>
<td>Ath Tr Clin Inst I</td>
</tr>
<tr>
<td>PET 4632 C</td>
<td>3.0</td>
<td>Therapeutic Modalits</td>
</tr>
<tr>
<td>PET 3624 C</td>
<td>3.0</td>
<td>Emer Mgmt Ath Trauma</td>
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<td>HUN 4414</td>
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<td>Sports Nutrition</td>
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<td>PET 3321</td>
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<td>PET 3671</td>
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<td>Ath Tr Clin Inst II</td>
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<td>PET 4633 C</td>
<td>3.0</td>
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<td>PET 4634 C</td>
<td>3.0</td>
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<td>PET 3660</td>
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<td>Ath Trng Admin</td>
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<td>PET 4630 C</td>
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<td>PET 4623</td>
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<td>PET 4933</td>
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<tr>
<td>PET 4947 C</td>
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</table>

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School of Nursing

NGR 5931 - Special Topics in Nursing
Post baccalaureate seminar on various topics.

3

NUR 2105 - Introduction to Professional Nursing
Students will be guided in taking an investigative look into professional nursing — answering questions about who nurses are, what they do, where they came from and where they are going. A historical perspective will be presented to help the learner gain a keen insight into professional nursing’s role within the health care delivery system.

3

NUR 2930 - Special Topics in Nursing
Electives on various issues related to nursing. Topics will vary and may include: AIDS: A Health Care Perspective, Introduction to Professional Nursing, etc. May be repeated up to 15 credits with different course content.

1 - 4

NUR 3026L - Nursing Therapeutics I
Prerequisite: Admission to the Nursing Program. Corequisites: NUR 3065L, NUR 3119, NUR 3166, NUR 3118L. This is the first of two laboratory courses designed to present information required for therapeutic nursing interventions to foster adaptation. The focus is on the development of psychomotor skills required to provide direct or indirect nursing care to promote adaption in patients across the lifespan. Grading is on a pass/fail basis.

1

NUR 3027L - Nursing Therapeutics II
Prerequisite: NUR 3026L. Corequisites: NUR 3255 and NUR 3255L. This is the second of two laboratory courses designed to present information required for therapeutic nursing interventions. The focus of this course is on the development of psychomotor skills required to provide direct or indirect nursing care to promote adaption in patients across the lifespan. Grading is on a pass/fail basis.

1

NUR 3065L - Health Assessment of Individuals Across the Lifespan
Prerequisite: Admission to the nursing program. Corequisites: Pre-Licensure Students: NUR 3119, NUR 3618, NUR 3619, NUR 3166, NUR 3026L, NUR 3118L. Corequisites: RN-BSN Students: NUR 3080 and NUR 3080L. This course includes information required for the health assessment of the individual throughout the lifespan. The focus is on the assessment of biological, psychological, and sociocultural systems of the individual with emphasis on development variations. The nursing process is introduced and the development of nursing diagnoses based on assessment findings is presented. The emphasis is on knowledge and skills needed to critically evaluate health assessment data. Includes campus lab experience. (3 credits: 2 hours theory and 2 hours lab per week). (A laboratory fee of $15 assessed.)

3

NUR 3080 - Transition Concepts I
Prerequisite: Admission to the transition to the professional nursing curriculum. The course will explore issues and themes related to professional nursing roles and practice, including concepts for delivery of care to patients and families in diverse communities. The course emphasizes factors that affect the health and well being of individuals, families, and communities with a focus on information required for assessment of families and communities.

3

NUR 3080L - Transition Clinical I
Prerequisites: Admission to the RN Program and NUR 3065L. Corequisite: NUR 3080. This is the clinical companion course for NUR 3080 Transitional Concepts I. In this course the learner will use the nursing process to promote the health of individuals, families and aggregates within a community.

1

NUR 3082 - Transition Concepts II
Prerequisites: NUR 3080 and NUR 3080L. Corequisite: NUR 3082. This is the second of three courses designed to serve as a transition for the registered nurse in the professional nursing curriculum. The course will explore issues and concepts related to professional nursing roles and practice, including concepts for delivery of nursing care to at risk patients, families and aggregates. The course emphasizes factors that affect the optimal health and well being of vulnerable individuals, families, and communities with a special emphasis on information required for assessment and health promotion of those coping with chronic illness or disease.

3

NUR 3082L - Transition Clinical II
Prerequisites: NUR 3080 and NUR 3080L. Corequisite: NUR 3082. This is the clinical companion course for NUR 3082. In this course the learner will use the nursing process to promote the health of vulnerable individuals, families and aggregates within a community.

1

NUR 3118L - Clinical Nursing Practice
Prerequisite: Admission to the Nursing Program. Corequisites: NUR 3618, NUR 3065L, NUR 3619, NUR 3166, NUR 3026L, NUR 3119. This is the first clinical course for pre-licensure baccalaureate nursing students. In this course the learner will use the nursing process to promote the health of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care. Grading is on a pass/fail basis. (2 credits: 90 clinical hours per semester)

2

NUR 3119 - Socialization to Professional Nursing
Prerequisite: Admission to the nursing program. Corequisites: NUR 3065L, NUR 3618, NUR 3619, NUR 3166, NUR 3026L, NUR 3118L. This course includes information on the profession of nursing and introduces the student to the heritage of nursing. The focus is on the contemporary image of the nursing profession in its...
NUR 3128 - Pathophysiology and Pharmacology
Prerequisite: NUR 3065L. Corequisites: NUR 3536 and NUR 3536L. This course includes information about the pathophysiologic base and pharmacologic management of disease processes across the lifespan. The focus is on alterations in physiologic function as manifestations of disease, and differences in children, adults, and older adults. Emphasis is on relating signs, symptoms, and laboratory findings of common alterations and understanding the appropriate pharmacologic management to promote adaptation. (4 credits: 4 hours theory per week)

NUR 3166 - Nursing Science I
Prerequisite: Admission to the Nursing Program. Corequisite: NUR 3065L. This is the first of three courses in the nursing science sequence. The course introduces the UNF Adaptation Framework and other conceptual frameworks, standardized nursing languages, taxonomies and classification systems. The focus is on nursing research and the review of scientific literature. Emphasis is on the use of a variety of technologic aids, such as library databases and large data sets available to nurse scientists.

NUR 3167 - Nursing Science II
Prerequisite: NUR 3166. This is the second of three courses in the nursing science sequence. The course includes information related to the research process. The focus is on question/hypothesis formulation and methodology in qualitative and quantitative research. Emphasis is on strategies for the appropriate evaluation of research. The learner will become an active participant in the research process.

NUR 3255 - Adult Health Nursing
Prerequisite: NUR 3536. Corequisites: NUR 3255L, NUR 3027L, NUR 3167. This course includes information required for assessment and direct and indirect care that supports physical functioning and homeostatic regulation of adults who are hospitalized with physical illness or disease. The focus is on factors that affect the adaptation of adults. Emphasis is on professional nursing roles and responsibilities in designing, managing, and evaluating care for hospitalized adults in order to maintain, restore, and optimize their level of functioning.

NUR 3255L - Adult Health Nursing Practice
Prerequisite: NUR 3536L. Corequisites: NUR 3255, NUR 3027L, NUR 3167. This is the third clinical course for pre-licensure baccalaureate nursing students. In this course the learner will use the nursing process to promote the adaptation of adults who are experiencing an illness or condition requiring hospitalization. The learner will participate in clinical activities as a provider of direct and indirect care. Grading is on a pass/fail basis. (5 credits: 225 clinical hours per semester). (A laboratory fee of $15 assessed.)

NUR 3295 - Critical Care Nursing
Prerequisite: RN or instructor’s permission. This course provides a sound theoretical foundation for the delivery of professional nursing care to critically ill adults. The pathophysiology as well as the clinical management of clients will be emphasized.

NUR 3536 - Psychiatric and Rehabilitative Nursing
Prerequisite: NUR 3065L. Corequisites: NUR 3128 and NUR 3536L. This course includes information required for assessment and care that supports adaptation of individuals with physical or mental illness, disease, or disability. The focus is on factors that affect the optimal health and well being of vulnerable individuals, families, and communities. Emphasis is on professional nursing roles and responsibilities in designing and managing care for individuals with psychiatric and chronic conditions in a variety of community and inpatient settings. (4 credits: 4 hours theory per week)

NUR 3536L - Psychiatric and Rehabilitative Nursing Practice
Prerequisite: NUR 3065L. Corequisites: NUR 3128 and NUR 3536. This is the second clinical course for pre-licensure baccalaureate nursing students. The learner will use the nursing process to promote the adaptation of individuals, families, and communities, including those with psychiatric and chronic conditions. The learner will participate in clinical activities as a direct and indirect provider of care. (5 credits: 225 clinical hours per semester) (A $15 lab fee is assessed.)

NUR 3618 - Assessment and Care of the Family
Prerequisite: Admission to the Nursing Program. Corequisites: NUR 3118L, NUR 3619, NUR 3119, NUR 3166, NUR 3026L, NUR 3065L. This course includes information required for the assessment and care of healthy families and individuals. The focus is on factors that affect the health and well-being of family groups from diverse cultural, ethnic, and social backgrounds as they respond to everyday life-events. The nursing process is used to examine the multiple influences impacting life-course experiences of families and individuals and to enhance family unit functioning. Emphasis is on teaching-learning to engage family members in health promotion, risk reduction and disease prevention. (2 credits: 2 hours theory per week)

NUR 3619 - Community Assessment
Prerequisite: Admission to the Nursing Program. Corequisites: NUR 3618, NUR 3065L, NUR 3118L, NUR 3166, NUR 3026L, NUR 3119. This course includes information required for the assessment of culturally diverse communities including health indicators and community resources and assets. The focus is on identification of multiple influences on the adaptation of populations. The nursing process is used to examine the relationship between these influences and the structure and function of health care systems. The emphasis is on the role of the professional nurse in promoting health using conceptual models for working in and with communities. (2 credits: 2 hours theory per week)

NUR 3930 AO - Professional Nursing Concepts
Prerequisite: Admission to the Accelerated Option of the Prelicensure Nursing Track. Corequisites: NUR 3065L, NUR 390L. AQ Clinical Practicum I, NUR 3618, NUR 3619, and NUR 390L AP Nursing Competencies. This course includes information on the profession of nursing and introduces the student to the heritage of nursing. The focus is on philosophical, theoretical, and ethical bases of nursing. Principles of leadership and management are explored. The emphasis is on multi-faceted dimensions of nursing as a vital component of health care.

NUR 3930L AP - Nursing Competencies
Prerequisite: Admission to the Accelerated Option in the Prelicensure Nursing Track. Corequisites: NUR 3065L, NUR 390L. AQ Clinical Practicum I, NUR 3618, NUR 3619, and NUR 3930 AO Professional Nursing Concepts. This is a laboratory course designed to present information required for therapeutic nursing interventions. The focus of this course is on the development of psychomotor skills required to provide direct or indirect nursing care for patients across the lifespan.
NUR 3930L AQ - Clinical Practicum I 2
Prerequisite: Admission into the Accelerated Option of the Prelicensure Nursing Track. Corequisites: NUR 3065L, NUR 3618, NUR 3619, NUR 3930L AP Nursing Competencies, and NUR 3930 AO Professional Nursing Concepts. This is the first clinical course for nursing students in the accelerated option in the pre-licensure baccalaureate nursing track. In this course the learner will use the nursing process to promote the adaptation of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care to individuals with psychiatric, rehabilitation and medical-surgical nursing needs.

NUR 3930L AR - Clinical Practicum II 6
Prerequisite: NUR 3930L AQ Clinical Practicum I. Corequisites: NUR 3128, NUR 3255, NUR 3536. This is the second clinical course for nursing students in the accelerated option in the pre-licensure nursing track. In this course the learner will use the nursing process to promote the adaptation of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care.

NUR 3935 - AIDS: A Health Perspective 3
This course provides a comprehensive view of the spectrum of HIV infection from a multidisciplinary perspective. Faculty from the College of Health and invited experts in the community will present content relevant to: risk, prevention, testing, counseling and treatment. Ethical/legal, psychosocial and health care values are also addressed.

NUR 3949 - Experiential Studies in Nursing v. 0 - 3
Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may receive repeat credit for this course.

NUR 4168 - Nursing Science III 1
Prerequisite: NUR 3167. This is the third of three courses in the nursing science sequence. This course includes information needed to begin to bridge the research-practice gap. The focus is on evidence-based practice and research utilization models. Emphasis is on the role of the nurse in creating environments that support the utilization of nursing research. (1 credit: 1 theory hour per week.)

NUR 4465 - Women's Health and Pediatric Nursing 2
Prerequisite: NUR 3255. Corequisite: NUR 4465L. This course includes information required for assessment and direct and indirect care of obstetric, gynecologic, and pediatric patients. The focus is on factors that affect the adaptation of women and children. Emphasis is on professional nursing roles and responsibilities in designing and managing care for women and children in order to maintain, restore, and optimize their level of functioning. (2 credits: 2 hours theory per week)

NUR 4465L - Women's Health and Pediatric Nursing Practice 4
Prerequisite: NUR 3255L. Corequisites: NUR 4465, NUR 4826 and NUR 4827. This is the fourth clinical course for pre-licensure baccalaureate nursing students. The learner will use the nursing process to promote the adaptation of women and children who are experiencing an illness or condition requiring hospitalization or other health care support. The learner will participate in clinical activities as a provider of direct and indirect care. Grading is on a pass/fail basis. (4 credits: 180 hours practice per semester) (A laboratory fee of $15 assessed.)

NUR 4636 - Community Partnerships 3
Prerequisite: Pre-licensure Students: NUR 4465. Prerequisite: RN-BSN Students: NUR 3082. Pre/Corequisite: NUR 4827. Corequisite: NUR 4636L. This course includes information on the importance of partnerships in promoting community adaptation. The focus is on planning, implementing, and evaluating health promotion, health protection, and disease prevention interventions. The emphasis is on the role of the community health nurse (CHN) in providing culturally competent care to diverse populations in a variety of settings. (3 credits: 3 hours theory per week).

NUR 4636L - Community Nursing Practice 2
Prerequisite: Pre-licensure Students: NUR 4465L. Prerequisite: RN-BSN Students: NUR 3082L. Pre/Corequisite: NUR 4827. Corequisite: NUR 4636. This is a clinical course for both prelicensure baccalaureate nursing students and RN-BSN students. In this course the learner will use the nursing process in working with community partners, in a variety of community settings, to design and implement health promotion interventions prioritized by the community. The learner will participate in clinical activities as a provider, designer and manager of care to promote community adaptation. Grading is on a pass/fail basis. (2 credits: 90 practice hours per semester). (A laboratory fee of $15 assessed.)

NUR 4826 - Applied Nursing Ethics 2
Prerequisite: NUR 3167. This course includes information required for examination of ethical decision-making in clinical practice. The focus is on values clarification, ethical theory, ethical decision-making models, and professional ethical standards. Emphasis is on the ethical obligations of professional nurses as citizens, members of a profession, providers of care, and designers and managers of care.

NUR 4827 - Leadership and Management in Nursing 3
Prerequisite: NUR 3167. Pre/Corequisite: NUR 4826. This course presents information needed to understand leadership and management as integral components of the role of the professional nurse in the health care setting. The focus is on leadership and management concepts useful at the individual through the organizational level. Emphasis is on developing collaborative and interpersonal skills essential in the design, delegation and management of care. (3 credits: 3 hours theory per week).

NUR 4828 - Role Transition 2
Prerequisite (for Prelicensure students): NUR 4465 and NUR 4465L. Pre or Corequisite: NUR 4827. This course includes information required for transition from the baccalaureate student role to the role of a professional, baccalaureate prepared nurse. The focus is on skills used by the nurse to excel as a professional leader, communicator and as a citizen. Emphasis is on life-long learning, professional presentation skills and nurse citizenship. (2 credits: 2 theory hours per week.)

NUR 4905 - Senior Problems v. 1 - 6
Prerequisite: Senior standing and permission of instructor. Independent study on selected clinical problems. May be repeated for 9 credits.

NUR 4917 - Honors Research v. 1 - 3
Prerequisites: NUR 4165 and admission to the Honors Program in the College of Health. This course provides a vehicle for upper division nursing students to work closely with a faculty member on a research utilization or faculty research project. Students must enroll for 3 hours TOTAL credit over one or more semesters. May be repeated for a total of 9 credits.

NUR 4930L AD - Clinical Practicum III 4
Prerequisite: NUR 3930L AR Clinical Practicum II. Corequisites: NUR 4465, NUR 4636, NUR 4828. This is the third
clinical course for nursing students in the accelerated option in the pre-licensure nursing track. In this course the learner will use the nursing process to promote the adaptation of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care to women and children with nursing needs. The learner will also participate in clinical activities as a provider, designer and manager of care to promote community adaptation.

NUR 4930L AE - Clinical Practicum IV
Prerequisite: NUR 4930L AD Clinical Practicum III and NUR 4828. Corequisite: NUR 4168. During this last clinical course for students in the accelerated option in the pre-licensure nursing track, the student demonstrates achievement of program objectives while working in partnership with patients, families, communities and other health care professionals. Students use theories, techniques, skills and research from a variety of disciplines to improve nursing practice.

NUR 4935 - Special Topics
Nursing electives on varying topics. May be repeated for a total of 15 credits with a change of course content.

NUR 4945L - Directed Clinical Study
Prerequisite: Must be taken in the semester in which the student intends to graduate. During this last clinical course the student demonstrates achievement of program objectives while working in partnership with patients, families, communities and other health care professionals. Students use theories, techniques, skills and research from a variety of disciplines to improve nursing practice. Grading is on a pass/fail basis. (4 credits: 180 practice hours per semester)

Department of Public Health

DIE 3213 - Nutrition Therapy I
Prerequisites: HUN 2201, BCH 3023C, BSC 2093C & BSC 2094C, CHM 2045C, FSS 1202, FSS 1202L, HUN 3403. Students will be able to identify common illness conditions of populations at different stages in the life cycle, conduct nutrition assessments and screen for special dietary needs, and plan progressive diets and diets modified in consistency and residue.

DIE 3246 - Nutrition Therapy II
Prerequisite: DIE 3213. Students will assess nutrient needs of, and develop nutrient based care plans for, persons with various disease conditions.

DIE 3310 - Community Nutrition
Prerequisite: HUN 2201. An introduction to state, federal, and local nutrition intervention programs and their impacts. Emphasis is placed on diagnostic tools used in community nutrition and programs as well as methods used to address community nutrition issues.

DIE 4122 - Management of Food & Nutrition Services I
Prerequisites: HUN 2201, MCB 2013C, FSS 1202, FSS 1202L, HSA 3100, ACG 2021, MAC 1105. Principles for effective management of food and nutrition services in various health care settings are provided. The component parts of the food service system, from purchasing through meal service, are explored along with methods for effective and efficient delivery of nutrition care.

DIE 4123 - Quality Assessment and Control in Foods and Nutrition
Prerequisites: HUN 2201 and MAN 3025. Students will be able to develop a comprehensive quality assessment program within the foods and nutrition discipline and will be able to evaluate quality assessment programs for appropriate content and process. May be repeated for credit.

DIE 4125 - Management of Food & Nutrition Services II
Prerequisite: DIE 4122. A study of methods for successful management of resources for food and nutrition services in the health care setting. Principles for planning and coordinating human resources, finances, materials, space, and equipment are included.

DIE 4940 - Clinical Practice in Dietetics
Supervised clinical experience in dietetics. Experiences are modeled after the American Dietetic Association’s required learning activities.

FOS 4041 - Food Science and Composition
Prerequisites: FSS 1202, FSS 1202L, CHM 2045C. Corequisite: FOS 4041L. Students will study the composition of foods and the chemical, physical, and qualitative changes that occur as a result of food storage, preservation, processing, and production methods. Students will evaluate the role of agencies, programs, and laws in the regulation of foods and consumer protection.

FOS 4041L - Food Science and Composition Laboratory
Prerequisites: FSS 1202, FSS 1202L, CHM 2045C. Corequisite: FOS 4041. Students will learn practical skills related to food composition and the chemical, physical, and qualitative changes that occur as a result of food storage, preservation, processing, and production methods. Students will develop recipes or products that incorporate food science, safety, regulation, and consumer demand principles. (A laboratory fee of $20 assessed.)

FSS 1202 - Food Production
Corequisite: FSS 1202L. Students will acquire basic knowledge about food production and preparation. Included are basic principles of food science, food production, resource management, use and care of equipment, standards and evaluations of food products, recipe modification, safety, sanitation, purchasing, and agencies and laws related to food standards and grades.

FSS 1202L - Food Production Laboratory
Corequisite: FSS 1202. Students will acquire practical laboratory skills and knowledge concerning basic food science composition and preparation. Included are basic principles of food science, food production, resource management, use and care of equipment, evaluations of food products, recipe modification, safety and sanitation, purchasing, and legal food standards and grades. (A laboratory fee of $20 assessed.)

FSS 4230 - Quantity Food Preparation
Prerequisites: FSS 1202, FSS 1202L, MCB 2013C, CHM 2045C. Large scale food preparation principles for application in a variety of commercial, institutional, community based settings.

FSS 4230L - Field Experience in Quantity Food Preparation
Prerequisites: FSS 1202, FSS 1202L, MCB 2013C, CHM 2045C; Co or prerequisite: FSS 4230. Practical application of quantity food preparation principles in the commercial, institutional, and community setting. Students must meet the health requirements of the participating facility. May be repeated for 3 credits. (A laboratory fee of $15 assessed.)

HIM 3006 - Introduction Health Information Management
Study of the problem oriented medical record. Emphasis placed on health record analysis and legal basis for release of medical information.
HIM 3116 - Health Record Organization and Management
Examination of the medical record with emphasis on structure and interpretation as well as the use of computers in abstracting medical information. The medical record administrators’ role in the health care organization will also be examined.

HIM 4263 - Diagnostic Coding I
Study of the diagnosis coding system used in health care. Emphasis on Diagnosis Related Grouping techniques and practice.

HIM 4256 - Diagnostic Coding II
Prerequisite: HIM 4236. Study of the procedure coding systems and techniques.

HIM 4306 - Medical Record Department Management
Prerequisites: HIM 4236 and HIM 4256. Examination of the management functions within a medical record setting. Emphasis on staff education requirements, equipment requirements and operation, and problem solving techniques.

HIM 4316 - Medical Record Department Operations
Prerequisite: HIM 4306. Examination of the day to day operations of the medical record department. Emphasis on budgeting, personnel administration, forms analysis and design, and control of work and distribution. Medical transcription and word processing will be featured.

HIM 4406 - Health Records and Standards
Prerequisite: HIM 4306. Examination of the standards and procedures for health information records in various health care delivery settings.

HIM 4506 - Quality Assessment
Prerequisite: HIM 4406. Examine the principles and practice of utilization review. Emphasis on medical audits, quality assurance and risk management.

HSA 3100 - Introduction to Health Administration
A study of behavioral, organizational and situational factors affecting the management role in health delivery settings and strategies for analyzing problems and implementing changes. Emphasis on management strategies and techniques as applicable to professionals working in the health setting.

HSA 3109 - Foundations of Managed Care
An examination of managed care as it applies to health and hospital services. Basic managed health care concepts will be emphasized.

HSA 3141 - Health Planning
Study of planning processes and their application to health care. Emphasizes planning techniques, epidemiology, demography and economics. Analytic techniques and tactical considerations toward plan implementation will be addressed.

HSA 3160 - Health Care Marketing
Principles and methods of marketing health care services with emphasis on newly developing health care services. Considers roles of professions, governing bodies, organization administration and consumers.

HSA 3191 - Health Information Systems I
Examination of health information systems with focus on system technology, hardware configurations and the nature and characteristics of information systems in health care settings. Various applications for information systems in the health care delivery system will be emphasized as well as their potential benefits.

HSA 3210 - Long Term Care Administration
Examination of long-term care delivery systems with particular emphasis on nursing homes. Institutional care setting will be reviewed in reference to major services and organization. Study of aging process, patient, medical, social and supportive care will be an integral part of the course.

HSA 3383 - Quality Management in Healthcare
This course is designed to acquaint the student with quality management concepts, tools and techniques used in health services industry and the application of quality management theory to health care product and service outcomes.

HSA 3710 - Health Systems Analysis
This course is concerned with managerial decision making in an uncertain environment. Specific topics include the basic laws of probability, random variables and characterizations of random variables as these relate to biostatistical and other health care statistical studies. The important steps of data analysis and interpretation of the results of these analyses are considered. Students are taught to use microcomputer based spreadsheet programs and statistical packages.

HSA 3750 - Evaluation of Health Programs
Focuses on determining the relative worth of organized programs and services in the health care industry. Examines the various evaluative models including behavioral, systems, decision making, case study and accreditation. Study of needs assessment, formative and summative evaluation is also studied.

HSA 4111 - U.S. Health Care System
An overview of the organization and delivery mechanisms in the U.S. health care system. Various settings for the delivery of health care and personnel and financial resources integral to the delivery of care are presented. Course also includes the historical development and future growth and direction of the system.

HSA 4170 - Health Care Finance
Focuses on the variety of public and private mechanisms in the financing of health care. Trends and constraints will be reviewed, including developments in private health insurance and national health insurance.

HSA 4193 - Health Information Systems II
Prerequisite: HSA 3191. Examination of health information systems with focus on analysis of application for information systems in the health care delivery system. Emphasis will be placed upon skills necessary to employ the methods used to evaluate a variety of types of information systems applications in a health care setting.

HSA 4453 - Health Law and Ethics
The principles and rules of law and how they relate to health care organizations and the ethical issues of consumers and providers of health care. The course also focuses on ethics and its principles and application in service settings. Contemporary issues confronting those delivering and using health care will be examined.

HSA 4755 - Managed Care Planning and Evaluation
An examination of quantitative methods for assessing managed health care systems and improving decision making. Examination of problems, allocation of resources and evaluation research will be emphasized.

HSA 4850 - Health Administration Internship
Prerequisites: Completion of all course requirements and approval of the Program Director. The health administration internship
provides the student with the opportunity to gain practical experience and integrate classroom knowledge and theory in an administrative setting within the health care industry.

**HSA 4930 - Special Topics in Advanced Health Care Administration**

3

Administrative and financial issues faced by hospitals, ambulatory care settings, various forms of alternative health delivery systems, and the long-term care industry. Recent federal and state legislation will also be assessed.

**HSA 4938 - Seminar on Managed Care**

3

A series of seminars presented by faculty and students on topics of interest in the managed care arena. The seminar will provide a forum for the discussion of topics of interest in managed care operations.

**HSA 4939 - Seminar in Long Term Care Administration**

3

Students will attend seminars conducted/presented by faculty and other students. The seminars will focus on faculty and student interests and/or current issues in the long term care field.

**HSA 4941 - Long-Term Care Administration Internship**

9

Prerequisites: Completion of program requirements, electives HSA 4939 and HSC 4563 and Program Director approval. The long-term care administration internship provides the student with the opportunity to gain practical experience and integrate classroom knowledge and theory in a skilled nursing facility setting. It is specifically designed to meet the state mandated internship requirements (rule 64B10-16 F.A.C) for admission to the Florida Nursing Home Administrators Licensure Examination.

**HSA 4970 - Senior Project**

6

Prerequisites: Completion of all major course requirements, minimum three years work experience in an administrative or management position within the health care field and approval of the Program Director. This capstone course is designed to provide students who already have significant administrative or management experience in the health care field an opportunity to participate in a health related administrative or research project. Completed proposal and project approvals are required the semester prior to enrollment.

**HSC 2100 - Personal Health Issues and Problems**

3

Examines health concerns of college age students. Raises levels of awareness and provides information needed to make informed health-related choices, encourages attitude change, and develops decision-making skills which facilitate more healthy lifestyle behaviors.

**HSC 2400 - First Aid and Emergency Care**

2

Examination of the emergency care of sports injuries, the recognition of injury mechanisms and the means of injury prevention. Also focuses on emergency first aid in addition to preventive and therapeutic taping.

**HSC 2930 - Special Topics**

1 - 3

Study of a topic(s) in the health field. A topic(s) will vary each time the course is offered and will be based on the need to address a current health issue(s) or subject(s) in detail. May be repeated for a total of 6 credits with a change of course content.

**HSC 3032 - Foundations of Health Education**

3

Corequisites: HSC 3500 and HSC 4730. The purpose of this course is to introduce the students to health education as a discipline and as a profession. The interpretation of concepts, purposes, and theories of health education will be discussed. The impact of societal value systems on health education will also be addressed. Strategies to select effective health education materials and to communicate health information will be emphasized. Strategies and techniques will be practiced, and the benefits of fostering communication between healthcare providers and consumers will be reviewed.

**HSC 3241 - Health Needs Assessment**

3

Corequisites: HSC 3500, HSC 4730 and HSC 3032. This course examines methods and instruments used to assess individual and community needs for health education. Emphasis is placed on learning to obtain health related data, distinguishing between behaviors that foster and those that hinder well being, and inferring needs for health education on the basis of obtained data. Content will also include physical, social, and emotional health appraisal techniques. A field experience may be required.

**HSC 3304 - Instructional Methods in Health Education**

3

Corequisites: HSC 3032, HSC 3581, and HSC 3241. This course provides a focus on educating individuals about healthful behaviors and motivating the adoption of a healthy lifestyle, whatever the setting. Included in the course are the methods, techniques, and resources used to implement health education programs. A field experience may be required.

**HSC 3500 - Epidemiology**

3

A study of the distribution and determinants of health and disease in humans utilizing basic concepts in clinical medicine laboratory science, statistical and data handling methods. The causes of disease will be examined leading to the proposal of potentially effective strategies for prevention and control.

**HSC 3523 - History of Medicine and Disease**

3

The development of the modern medical and allied health professions, with special reference to the U.S. from the late 18th through 20th century as well as social, scientific, and historical factors that determine the nature, extent and definition of disease.

**HSC 3531 - Medical Terminology**

3

Study of medical terminology and how it relates to the systems of the body. Emphasis placed on the fundamentals of terminology and communication within health related fields.

**HSC 3550 - Pathophysiology**

3

Prerequisite: Clinical anatomy and physiology. An exploration of common types of functional disorders in humans. Emphasis is on relating signs and symptoms to cause. (Cannot be used by biology majors to satisfy upper-level degree requirements). Three hours lecture.

**HSC 3551 - Diseases: Prevention, Intervention, and Treatment**

3

This course provides an examination of chronic, acute and contemporary diseases. Included in this course are the modes of transmission, symptoms, diagnostic procedures, prevention, control, and treatment for each disease.

**HSC 3578 - Food, Health, and Society**

3

The historical and current context of food habits, the food patterns of major U.S. cultural groups, and the social and health implications of these food behaviors will be identified and discussed. Each student will do a presentation and prepare a dish specific to a cultural group.

**HSC 3581 - Planning Health Programs**

3

Corequisites: HSC 3032. This course will use the results of a health needs assessment to set the program planning process in motion. An emphasis will be placed on the development of logical and sequential

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program plans that are based on measurable and appropriate objectives. A field experience may be required.

**HSC 3596 - AIDS: A Health Perspective** 3
This course provides a comprehensive view of the spectrum of HIV infection from a multidisciplinary perspective. Faculty from the College of Health and invited experts in the community will present content relevant to: risk, prevention, testing, counseling and treatment. Ethical/legal, psychosocial and health care values are also addressed.

**HSC 3633 - Health Trends and Issues** 3
Contemporary issues of importance in health. Examines issues, concerns and developments in health, technology, and care modalities. Emerging developments in financing, policy, and public-private sector relationships are also examined.

**HSC 3712 - Evaluation of Health Programs** 3
Corequisites: HSC 3032, HSC 3581, HSC 3241, and HSC 3304. This course addresses procedures used to evaluate the effectiveness of health programs. Included in the course is a review of evaluation methods, standards of performance, and available standardized evaluation/assessment instruments. Emphasis will be on process, impact and outcome evaluation. A field experience may be required.

**HSC 3949 - Experiential Studies in Health Science** v. 0 - 3
Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may receive repeat credit for this course.

**HSC 4104 - Lifestyle Modification** 3
An examination of the wellness/health promotion movement and its place in the contemporary health care system. Application of such factors as physical fitness, nutritional awareness and stress management to personal lifestyles will be emphasized.

**HSC 4121 - Alternative Healing** 3
This course examines the philosophy of complementary medicine. An overview of various methodologies effective in complementary medicine will be examined with the goal of understanding how these methodologies can be used to improve one’s health.

**HSC 4133 - Sexuality Education** 3
Prerequisite: Must meet senior level status. Corequisites: 9 semester hours of 3-4000 level HSC courses. This course provides an overview of physiological, psychological, and sociological aspects of human sexuality throughout the lifespan including gender, family life, relationships, reproduction sexual behavior, STDs/HIV, safer sex, and sexual coercion. Planning, implementing and evaluating school and community sexuality education programs are included in the course. Policy issues that affect sexuality education are also addressed.

**HSC 4134 - Mental and Emotional Health Education** 3
Corequisites: 9 semester hours of 3-4000 level HSC courses. The purpose of this course is to examine educational planning and program implementation involved in facilitating the development and maintenance of mental and emotional health. Communication skills effective for the helping professional are also addressed.

**HSC 4141 - Etiology of Addiction** 3
A study of the theories and causes of addiction, including models of addictive behavior. A review of the natural history of alcoholism and other addictive disorders.

**HSC 4144 - Theories and Dynamics of Addiction Counseling** 3
The study of counseling approaches that may be used in the treatment of addictive disorders. Emphasis will be placed on the application of basis individual, group and family counseling theories and techniques in working with individuals affected by addictive disorders.

**HSC 4145 - Addiction Treatment Planning and Coordination** 3
The study of the addiction treatment planning process, purposes of treatment planning and treatment plan components. Determining appropriate health service providers necessary for the treatment team, and assisting professionals in assessing client needs and problems for the establishment of individualized treatment plans will be emphasized.

**HSC 4146 - Modalities for Addiction Counseling Services and Treatment** 3
The study of the eligibility requirements and criteria for specific modalities of addiction treatment service. The rules, regulations, and limits of each modality will be examined. Determining appropriate referrals to support agencies will be emphasized.

**HSC 4150 - Substance Abuse and Violence Prevention** 3
Corequisites: 9 semester hours of 3-4000 level HSC courses. This course is a study of issues related to the prevention continuum, including primary, secondary, and tertiary prevention. Substance use, misuse, abuse, and dependency, as well as violence are addressed. The focus of the course is the application of substance abuse/dependence and violence prevention programs in a variety of settings. A field experience is required.

**HSC 4152 - Signs and Symptoms of Addictive Behaviors** 3
A study of the signs and symptoms of alcohol and other drug use, misuse, abuse and dependency. Intervention and treatment approaches, as well as various models of addictive behaviors will be explored.

**HSC 4154 - Addiction Prevention Program Planning and Evaluation** 3
The study of prevention program needs assessment, strategic and tactical development, implementation and evaluation.

**HSC 4160 - Human Development, Health Behavior and Addiction** 3
Study of the chronological and psychological developmental effects on behavior. A review of social and cultural backgrounds that influence patterns of mental health, substance use and abuse and how addiction and/or mental health problems create dysfunctional behavior socially, physiologically and sexually.

**HSC 4508 - Applied Epidemiology** 3
Prerequisites: HSA 3710 and HSC 3500. Application of epidemiologic methods to evaluate the distribution and determinants of disease in a population. Emphasis will be placed upon assessment of field date from case studies and other sources and development of implications and required actions.

**HSC 4510 - Managed Care Operations Management** 3
An examination of decision making, change implementation and control processes in managed care organizations. The course will emphasize behavioral, organizational and situational factors affecting the management role. Management strategies and techniques will be a focus.

**HSC 4563 - Dimensions of Health for the Older Adult** 3
A study of the framework in which healthy aging is viewed from...
interactional, developmental, phenomenological and structural perspectives with emphasis on health promotion in later life.

**HSC 4572 - Nutrition and Health**
Prerequisite: CHM 2045C. A study of the processing and function of nutrients. Examines digestion, absorption and metabolism of nutrients as well as their food sources. Also examines energy balance, overweight and underweight and prevention of nutritional problems.

**HSC 4579 - Women’s Health Issues**
This course will direct students in exploring health concerns specific to women in the context of women’s role in society. The course focuses on major threats to women’s health, for example, heart disease, osteoporosis, and breast cancer. Students will explore recent research related to these diseases or conditions which impact women’s health and identify how they may play a more proactive role in determining their own health.

**HSC 4612 - Exercise Physiology for Health Science**
This course is a study of how acute and chronic bouts of exercise change the structure and function of the human body. Emphasis will be given to the effects of exercise on health related fitness, the training of athletes, and the enhancement of sport performance.

**HSC 4653 - Healthcare Ethics and Cultural Diversity**
This course will provide students a comprehensive overview of conventional healthcare ethics and a cross cultural perspective on selected issues. Issues to be discussed include death and dying, reproductive ethics, professional/client relationship, AIDS, biomedical research, genetics and healthcare resources. Methods of instruction include lecture, discussion, media presentations, and internet resources.

**HSC 4663 - Communicating Prevention Concerns and Resources**
Study of communication theory and practice and health specific prevention information. Emphasis will be placed on strategies for fostering communication between healthcare and prevention providers and consumers. A focus will be placed on the prevention professional as a liaison between consumer groups, individuals and providers.

**HSC 4680 - Introduction to Employee Assistance Programs**
Provides an introduction to company based intervention programs called employee assistance programs (EAP’s). Examines the historical development of the EAP movement and focuses on the operating characteristics of EAP’s and their effectiveness.

**HSC 4719 - Evaluating the Impact of Employee Assistance Programs**
Focuses on models to assess the short and long range effectiveness of EAP’s. Field study to assess EAP’s cost and economic returns in a regional business industry.

**HSC 4730 - Foundations of Health Science Research**
Prerequisite: HSC 3500. A study of the research process and its application to health science. Emphasis will be given to interpreting and evaluating contemporary health related research reports, and to the components of a research proposal.

**HSC 4814 - Community Service Internship**
Prerequisite: Completion of all course requirements and approval of the Department Chairperson. A concentrated internship under a supervisor in a selected work setting. Designed as a culminating experience which allows the student an opportunity to practice under careful observation and in cooperation with a skilled practitioner.

**HSC 4900 - Readings and Conference**
In-depth readings and group discussions and conferences on selected topics of critical issue in the health science field. Student readings will vary each semester and will involve a formal survey of the literature and presentation of a summary analysis of findings.

**HSC 4901 - Skill Development in Health Administration**
This course is designed to develop and enhance the skills necessary for success as a health care executive through on site study and practice of management in health care settings. Students will concentrate either on long term care or general health care administration. Each student will be expected to complete a major paper as partial satisfaction of course requirements.

**HSC 4906 - Independent Study and Research**
Prerequisite: Permission of Department Chairperson. A specific health related research project conducted under the guidance of a faculty advisor. May be repeated up to 12 credits.

**HSC 4910 - Honors Research**
Prerequisites: HSC 4730 and admission to the Honors in the Major track in the College of Health. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. Students must enroll for three hours total.

**HSC 4912 - Projects**
Development and implementation or participation in conducting a designated project related to health science. Students will work with a faculty person to determine topic and project.

**HSC 4931 - Special Topics**
A detailed study or a topic in the health science field. Topics will vary each time the course is offered and will be based on the need to address a current health issue or subject in detail. Refer to “Schedule of Courses” or department for further information. May be repeated up to 12 credits with a change in course content.

**HSC 4934 - Seminar**
Students will attend and present seminars conducted by faculty and other students. The seminars will focus on faculty and student interests and/or current issues in the health field.

**HUN 1003C - Weight Management through Nutrition & Fitness**
Students will describe the nutrition and fitness principles of weight management and identify obstacles of, and set personal goals for, weight management. The students will describe and evaluate the major types of weight management techniques, products, and programs available in the U.S. market. Students will develop recipes and prepare dishes that are based on their personal weight management plan. (A laboratory fee of $15 assessed.)

**HUN 2000 - Contemporary Nutrition Issues**
Students will identify basic concepts in nutrition, be introduced to eating patterns in the United States, and discuss the relationship of contemporary food and nutrition to current health issues.

**HUN 2201 - Basic Principles of Nutrition**
An introductory course in foods and nutrition relative to the health and well being of the individual or community. Dietary habits, nutrient requirements, food choices and good eating practices, menu
planning, shopping for food and food preparation will be studied. Myths and misinformation in nutrition are identified in relation to facts.

HUN 3403 - Life Span Nutrition
Prerequisites: FSS 1202, FSS 1202L, HUN 2201, CHM 2045C, BSC 2085C, BSC 2086C. Students will assess nutrient needs of individuals at different stages of the life cycle and plan menus that meet their nutritional needs.

HUN 3601 - Nutrition Education
Prerequisites: HUN 2201 and DIE 3213. An introduction to the nature and methods of nutrition education. Students will apply learning theories and methods commonly used in nutrition education to lesson planning, development of educational materials, interviewing and counseling, and group workshops.

HUN 4221 - Science of Nutrition
Prerequisites: HUN 2201, CHM 2045C, BCH 3023C, FSS 1202, FSS 1202L, BSC 2085C, BSC 2086C. This course covers the advanced study of nutrients and their functions in relation to human requirements. Advanced concepts of digestion, absorption, and metabolism of nutrients, food sources of nutrients, regulations governing addition of nutrients, and the processing, modification, and safety of foods will be discussed. Energy balance, overweight, underweight, and the prevention of nutritional problems will be covered.

HUN 4414 - Sports Nutrition
Prerequisite: HUN 2201. A detailed study of the relationship between athletic performance and nutrition. Topics covered include the energy systems and the fuel sources utilized; the role of protein, carbohydrates, and fat in the athlete’s diet; appropriate vitamin and mineral intake; hydration and fluid replacements; ergogenic aids and nutritional quackery.

PEM 3930 - Special Topics in Exercise Science
Prerequisite: PET 3351C. An in-depth examination of one topic in the exercise science field. Topics will vary each semester but will be chosen from the following broad areas: fitness in special populations, exercise in rehabilitative settings, fitness, and cardiovascular health.

PEP 4135 - Principles of Strength and Conditioning
Prerequisites: PET 3351C and PET 3312C. In depth study of the scientific principles and techniques related to the strength and conditioning of the athletic population. Designed to provide a background for certification as a strength and conditioning specialist.

PET 3080 - Physical Activity and Health
This is a survey course designed to investigate the relationship between physical activity, exercise, physical fitness and health status. Cardiorespiratory, musculoskeletal, and metabolic diseases will be included.

SLS 3310 - Introduction to the Health Professions
This course will provide the student with an overview of the positions in the health care industry. The course will in addition focus on the development of personal skills required for success in job seeking and retention.

Department of Athletic Training and Physical Therapy

Note: Due to changes in the Athletic Training curriculum, some courses may vary from the descriptions in this catalog. Students should keep in touch with the Athletic Training Program Office and the College of Health Advising Office.

PET 3312C - Biomechanics
Prerequisites: BSC 2085C and BSC 2086C. Integration of mechanics, physics, and analysis of human motion. Emphasis will be placed on functional anatomy, musculoskeletal and neurological systems and pathomechanics of sports injuries. (A laboratory fee of $15 assessed.)

PET 3321 - Gross Anatomy for Athletic Trainers
Prerequisites: Admission into SM-AT Clinical Option, PET 3603C and PET 3620. Corequisite: PET 3671. Study designed to expose the athletic training student to the macroscopic aspects of human morphology with emphasis on the musculoskeletal and neuromuscular systems. Human cadaveric specimens will be utilized along with other clinical and surgical information provided, in part, by qualified local medical professionals. (A laboratory fee of $20 assessed.)

PET 3603C - Introduction to Sports Medicine
This course introduces students to the philosophy, conceptual framework, and objectives of the UNF Sports Medicine-Athletic Training program, the role of the NATA certified athletic trainer, and the relationship of athletic training to the U.S. health care system. Orientation to historical and contemporary issues and trends which affect the practices of athletic training are emphasized. An introduction to the prevention of athletic injuries, which is the first domain in athletic training, will be added. This will include current principles and practice in the selection, fabrication, and application of tape, splints, casts, braces, and other orthotic devices used in athletic training and sports medicine. (A laboratory fee of $15 assessed.)

PET 3620 - Introduction to Athletic Injuries
Current principles and practices in the prevention, recognition, and management of athletic related injuries and illnesses.

PET 3621C - Orthopedic Taping and Bracing
Prerequisite: Declared minor in Athletic Training. Corequisites: PET 3603C, PET 3620. Current principles and practice in the selection, fabrication, and application of tape, splints, casts, braces, and other orthotic devices used in athletic training and sports medicine. (A laboratory fee of $20 assessed.)

PET 3624C - Emergency Management of Athletic Trauma
Prerequisites: HSC 2400, PET 3603C, PET 3620, and a declared minor in Athletic Training. Advanced study and application of emergency management techniques in dealing with trauma resulting from injuries and illnesses suffered by an athletic population. (A laboratory fee of $15 assessed.)

PET 3660 - Athletic Training Administration
Prerequisites: PET 3603C, PET 3620 and declared minor in Athletic Training. A study of the standards, policies and practices in the organization, supervision and administration of athletic training programs. Emphasis will be placed upon planning, developing, organizing and directing an athletic training program in a variety of sports medicine settings.
PET 3670 - Athletic Training Clinical Instruction I
Prerequisite: Admission into the Sports Medicine - Athletic Training Clinical Option. Corequisites: PET 3603C, PET 3620, and PET 3621C. An intermediate clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. To be taken in the Fall semester of the student’s Junior year. (A laboratory fee of $15 assessed.)

PET 3671 - Athletic Training Clinical Instruction II
Prerequisites: PET 3670. Corequisites: PET 4632C, PET 3624C, and PET 3321. An intermediate clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. To be taken in the Spring semester of the student’s Junior year. (A laboratory fee of $15 assessed.)

PET 3672 - Observation and Practicum in Athletic Training I
Prerequisites: Admission to the SM-AT Clinical Option, PET 3603C, PET 3620, and HSC 2400. A beginning clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. This class is an elected continuation of Observation & Practicum I. May be repeated for credit maximum number of 3 times for a maximum number of 9 credits. (A laboratory fee of $15 assessed.)

PET 3673 - Observation and Practicum in Athletic Training II
Prerequisite: PET 3672. A beginning clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. This class is an elected continuation of Observation & Practicum I. May be repeated for credit. (A laboratory fee of $15 assessed.)

PET 4550 - Physical Fitness Assessment and Exercise Prescription
Prerequisite: PET 3351C. This course will cover traditional and state of the art processes used to assess physical fitness, as well as techniques used to prescribe personalized exercise programs. Supervised lab experiences in assessment and prescription will be included.

PET 4623 - Rehabilitation of Athletic Injuries
Prerequisite: PET 4630C. A study of the functional progressions and outcomes in the process of rehabilitating athletic injuries. Emphasis will be placed on rehabilitation goals and objectives as well as return participation criteria.

PET 4630C - Therapeutic Exercise
Prerequisites: PET 3351C, and PET 4632C. A study of clinical sports therapy techniques used in the rehabilitation and reconditioning of athletic injuries. Includes goniometry, manual muscle testing, therapeutic and resistance exercises and proprioceptive neuromuscular facilitation. (A laboratory fee of $15 assessed.)

PET 4632C - Therapeutic Modalities
Prerequisites: PET 3603C, PET 3620, and declared minor in Athletic Training. A study of current theory and application in the use of therapeutic modalities in the sports medicine-athletic training setting. Emphasis will be placed on thermal, electrotherapeutic and hydrotherapeutic modalities. (A laboratory fee of $15 assessed.)

PET 4633C - Orthopedic and Injury Assessment I
Prerequisites: PET 3603C, PET 3620, and declared minor in Athletic Training. The study and practice of techniques used when assessing athletic injuries to the upper extremity, head and spine. (A laboratory fee of $15 assessed.)

PET 4634C - Orthopedic and Injury Assessment II
Prerequisite: PET 4633C. The study and practice of techniques used when assessing athletic injuries to the lower extremity and spine. (A laboratory fee of $15 assessed.)

PET 4933 - Seminar in Athletic Training
Prerequisite: PET 3660. The advanced study and discussion of specialized topics and contemporary issues related to the field of athletic training. Emphasis will be placed on professional development and employment preparation.

PET 4940 - Clinical Practice in Athletic Training I
Prerequisite: PET 3671. Corequisites: PET 4633C, PET 3660, and PET 4630C. An advanced clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. To be taken the Fall semester of the student’s Senior year. (A laboratory fee of $15 assessed.)

PET 4947C - Clinical Practice in Athletic Training II
Prerequisite: PET 4940. Corequisites: PET 4634C, PET 4623, PET 4604, PET 4933, PEP 4135. An advanced clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. To be taken the Spring semester of the student’s Senior year. (A laboratory fee of $15 assessed.)

PH 3157 - Medical Physiology
Physiology of major body systems are studied at the cellular and systemic levels. Includes selected laboratory sessions demonstrating physiological principles.
**Cooperative Education**

Cooperative Education is a university-wide academic program which provides learning situations for students through planned and supervised field experiences in a work environment. Two types of programs are offered, the Employment Experience Program administered by the staff in Career Services, and the Academic Practicum Program administered by the academic department chair. A maximum of nine credits may be earned through cooperative education. Cooperative Education credit hours are not subject to the excess hours charge. For complete information, see the Student Services section of this catalog.

**Cooperative Education Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGN 4949</td>
<td>CGN 4949 - Co-op Work Experience v. 0 - 1</td>
<td>0 - 1</td>
<td>Prerequisites: Acceptance in Cooperative Education Program and 6 hours of completed civil engineering courses. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.</td>
</tr>
<tr>
<td>CIS 3949</td>
<td>CIS 3949 - Experiential Studies in Computer Science v. 0 - 3</td>
<td>0 - 3</td>
<td>Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to computer science. Students may repeat this course for credit, up to a total of six semester hours.</td>
</tr>
<tr>
<td>EDG 3949</td>
<td>EDG 3949 - Experiential Studies in Education v. 0 - 3</td>
<td>0 - 3</td>
<td>Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six semester hours.</td>
</tr>
<tr>
<td>EEL 4949</td>
<td>EEL 4949 - Co-op Work Experience v. 0 - 1</td>
<td>0 - 1</td>
<td>Prerequisite: Six hours of electrical engineering course work. Acceptance in cooperative education program. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.</td>
</tr>
<tr>
<td>EML 4949</td>
<td>EML 4949 - Co-op Work Experience v. 0 - 1</td>
<td>0 - 1</td>
<td>Prerequisites: Six hours of Mechanical Engineering course work and acceptance in Cooperative Education Program. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.</td>
</tr>
<tr>
<td>GEB 3949</td>
<td>GEB 3949 - Experiential Studies in Business v. 0 - 3</td>
<td>0 - 3</td>
<td>Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six semester hours.</td>
</tr>
<tr>
<td>HSC 3949</td>
<td>HSC 3949 - Experiential Studies in Health Science v. 0 - 3</td>
<td>0 - 3</td>
<td>Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six semester hours.</td>
</tr>
<tr>
<td>IDS 3949</td>
<td>IDS 3949 - Experiential Studies in Liberal Arts v. 0 - 3</td>
<td>0 - 3</td>
<td>Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six semester hours.</td>
</tr>
<tr>
<td>NUR 3949</td>
<td>NUR 3949 - Experiential Studies in Nursing v. 0 - 3</td>
<td>0 - 3</td>
<td>Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six semester hours.</td>
</tr>
</tbody>
</table>
their areas of interest. Students may repeat this course for credit, up to a total of six semester hours.

**Naval Reserve Officers Training Corps: Division of Naval Science**

The mission of the Naval Reserve Officers Training Corps is to prepare future leaders of the United States Navy and Marine Corps mentally, morally, and physically for commissioning in the naval services. The goal is to provide a steady supply of well-educated junior officers, ready to serve their country. The NROTC program is designed to support the student’s academic major with specified University courses and naval professional courses. NROTC graduates will:

1. Understand the fundamental roles and missions of the United States Navy and the importance of seapower to our national interests;
2. Know the concepts and principles of leadership;
3. Appreciate national security requirements;
4. Gain a strong sense of personal integrity, honor, and individual responsibility; and
5. Attain an educational background which will allow advanced/continuing education later in their careers in a field of application and interest to the naval service.

There are two phases (or “courses”) of NROTC, a “basic course” taken during the freshman and sophomore years, and an “advanced course” taken in the junior and senior years.

There are five programs — three NROTC Scholarship Programs and two NROTC College Programs:

**NROTC Scholarship Program** These students enter into a contract with the Secretary of the Navy in which they agree to take certain Naval Science courses and drills, attend University-taught courses, and complete three summer training periods. The Navy provides tuition, fees, textbooks, uniforms, and a $200 per month subsistence allowance for a maximum of 40 months. Scholarship students are selected through national competition.

**NROTC Two-Year Scholarship Program** The Two-Year Scholarship Program provides tuition, books, uniforms, and a $200 per month subsistence allowance for the junior and senior years of college. To be selected, students must be in advanced college standing and qualify for enrollment in the NROTC Program’s advanced courses at colleges or universities where NROTC is offered. The Chief of Naval Education and Training requires successful completion of summer training immediately before beginning the two-year program. The summer course of instruction, referred to as the Naval Science Institute (NSI), provides Naval Science courses and drill training equivalent to the NROTC basic course. Those enrolled in the Two-Year College Program will have the same privileges and obligations as advanced standing students in the Four-Year College Program.

Upon graduation Scholarship midshipmen are commissioned as Ensigns in the U.S. Navy Reserve or as Second Lieutenants in the U.S. Marine Corps, and serve on active duty for a minimum of four years.

**NROTC Four-Year Scholarship Nurse Option Program**

This program provides tuition, books, uniforms, and a $200 per month subsistence allowance for those pursuing a nursing degree. Graduates from the NROTC Nurse Option Program are commissioned in the restricted line, Nurse Corps, and serve on active duty for a minimum of four years. The nursing program is highly structured and allows few opportunities for electives or tailoring schedules. The NROTC has a liberal policy for waiving courses that are designed for commissioned officers entering fields other than nursing. These courses include Calculus, Physics, American Military History, National Security Policy, Naval Ship Systems I and II, Navigation and Naval Operations I and II, and Computer Science. The senior summer training period is normally served at a Navy Hospital. All other NROTC requirements apply to nurse corps midshipmen.

**NROTC Four-Year College Program** These students enter into an agreement with the Secretary of the Navy in which they agree to take certain Naval Science courses, University-taught courses, drill periods, and to complete one summer training period. They enlist in the Naval Reserve upon commencement of advanced standing. In return, the Navy provides uniforms and Naval Science textbooks, and pays students $200 a month subsistence allowance during the junior and senior years for a maximum of 20 months.

**NROTC Two-Year College Program** Students selected must be in advanced college standing and qualify for enrollment in the NROTC College Program’s advanced courses at colleges or universities where NROTC is offered. The Chief of Naval Education and Training requires successful completion of summer training immediately before beginning the two-year program. The summer course of instruction, referred to as the Naval Science Institute (NSI), provides Naval Science courses and drill training equivalent to the NROTC basic course. Those enrolled in the Two-Year College Program will have the same privileges and obligations as advanced standing students in the Four-Year College Program.

Upon graduation College Program students are commissioned as reserve officers in the U.S. Navy or U.S. Marine Corps and serve on active duty for three years.

College Program students are eligible to compete for NROTC scholarships based on academic grades and military aptitude. Qualified individuals are nominated yearly by the Professor of Naval Science, and if selected, receive all the benefits of the scholarship program.

Students who do not qualify for enrollment in either the Scholarship or College program may enroll in Naval Science courses for academic credit only. They will not be eligible for appointment as a commissioned officer.
Eligibility Requirements

1. Must be a citizen of the United States and present official certified proof of citizenship.
2. Must have high moral standards and officer-like character evidenced by appearance, scholarship, extracurricular activities, and involvement in the community. Criminal conviction is normally disqualifying.
3. Applicants for the Scholarship Program must be at least 17 years old on or before 1 September of the year of enrollment, and must be under 27 years old on 30 June of the calendar year in which commissioned. Age waivers are available, and other limitations may exist based on an applicant’s special circumstances.
4. Scholarship students must meet the physical qualification standards set by the U.S. Navy’s Bureau of Medicine. College Program students must meet the standards prior to entering advanced standing. A physical exam is not usually required for enrollment in the basic course, however, students must meet initial screening standards.
5. Must meet Department of the Navy requirements concerning prior use of narcotics and/or other related drugs.

Summer Training Requirements

Scholarship students go on summer training for about 30 days during each of their three college summers. The first summer training includes exposure to aviation, submarine, surface, and amphibious specialties both ashore and afloat. The second summer is at-sea training aboard operational U.S. Navy ships. During the third summer candidates train aboard operational ships, nurse midshipmen train at a Navy hospital, and Marine Corps candidates train at U.S. Marine Corps Base, Quantico, Virginia. The Navy provides transportation to and from sites, subsistence and living quarters, and training pay during the summer training periods.

College Program students perform one summer training session between the junior and senior years.

Drills, Ceremonies, and Inspections

All NROTC Program students attend the Naval Science Laboratories for two hours each Thursday afternoon.

Professional Course Curriculum

**Freshman Year**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NSC 1110</td>
<td>Introduction to Naval Science</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>2 hours lecture, no laboratory</td>
<td></td>
</tr>
<tr>
<td>NSC 1140</td>
<td>Seapower and Maritime Affairs</td>
<td>2 hours</td>
</tr>
<tr>
<td></td>
<td>2 hours lecture, no laboratory</td>
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**Sophomore Year**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NSC 2122</td>
<td>Naval Ships Systems II (Engineering)</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, no laboratory</td>
<td></td>
</tr>
<tr>
<td>NSC 4231</td>
<td>Leadership and Management</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, no laboratory</td>
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**Junior Year**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>NSC 3214C</td>
<td>Navigation and Naval Operations I</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, 1 hour laboratory</td>
<td></td>
</tr>
<tr>
<td>NSC 3215C</td>
<td>Navigation and Naval Operations II</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, 1 hour laboratory</td>
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**Senior Year**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>NSC 2121</td>
<td>Naval Ships Systems I (Weapons)</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, no laboratory</td>
<td></td>
</tr>
<tr>
<td>NSC 4233</td>
<td>Leadership and Ethics</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, no laboratory</td>
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**Marine Corps Option Program**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>NSC 3221</td>
<td>Evolution of Warfare</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, no laboratory</td>
<td></td>
</tr>
<tr>
<td>NSC 4224</td>
<td>Amphibious Warfare</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>3 hours lecture, no laboratory</td>
<td></td>
</tr>
</tbody>
</table>

**Combined Drill Laboratory**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>NSC 1101</td>
<td>Freshman Drill (Naval Science Lab)</td>
<td>0 hours</td>
</tr>
<tr>
<td></td>
<td>2 hours of drill</td>
<td></td>
</tr>
<tr>
<td>NSC 2102</td>
<td>Sophomore Drill (Naval Science Lab)</td>
<td>0 hours</td>
</tr>
<tr>
<td></td>
<td>2 hours of drill</td>
<td></td>
</tr>
<tr>
<td>NSC 3103</td>
<td>Junior Drill (Naval Science Lab)</td>
<td>0 hours</td>
</tr>
<tr>
<td></td>
<td>2 hours of drill</td>
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</tr>
<tr>
<td>NSC 4104</td>
<td>Senior Drill (Naval Science Lab)</td>
<td>0 hours</td>
</tr>
<tr>
<td></td>
<td>2 hours of drill</td>
<td></td>
</tr>
</tbody>
</table>

Note: NSC 3221 and NSC 4224 are completed by Marine Corps option students during the sophomore and junior years in lieu of NSC 2121/2122 and NSC 3214C/3215C.

Details on eligibility and requirements for these and other programs may be obtained by contacting the NROTC Unit at (904) 620-2813 or (904) 256-7480.

Naval Science Courses

- **NSC 1101 - Freshman Drill (Naval Science Lab)**
  Drill, basic commands, courtesies and honors; orientation and information period.
  0 hours

- **NSC 1110 - Principles of Naval Organization**
  A general introduction to seapower and the naval service. This instruction places emphasis on the mission, organization and warfare components of the Navy. Included is an overview of officer and enlisted rank and rating structures, career progression, naval traditions, customs and courtesies, discipline and naval leadership.
  2 hours

- **NSC 1140 - Seapower and Maritime Affairs**
  A study of the historical role of seapower from the mid-1700s to date and its impact as an instrument of national policy. Emphasis is placed on the role of the U.S. Navy in the nineteenth and twentieth centuries. The student is made cognizant of the current U.S. Maritime Strategy, “Forward...From the Sea,” and the challenges facing today’s Naval officers.
  2 hours

- **NSC 2102 - Sophomore Drill (Naval Science Lab)**
  Drill, basic commands, courtesies and honors; orientation and information period.
  0 hours
NSC 2121 - Naval Ships Systems I (Weapons) 3
A familiarization course in the basic concepts and principles associated with the development and employment of naval weapons systems. It includes coverage of weapons systems, radar, and fire control systems, their capabilities, limitations, and application. Target acquisition, identification, tracking, and engagement principles are also covered.

NSC 2122 - Naval Ships Systems II (Engineering) 3
A familiarization course in the basic concepts and principles of current Naval Propulsion systems, damage control, and ship design. Subjects covered include steam, nuclear, and gas turbine propulsion, shipboard generators and distribution, ship’s stability, and damage control systems.

NSC 3103 - Junior Drill (Naval Science Lab) 3
Drill, basic commands, courtesies and honors; orientation and information period. Also, practical exercises dealing with the specifics of naval organizations and leadership.

NSC 3214C - Navigation and Naval Operations I 4
A comprehensive study of the theory, concepts, principles, and procedures of ship navigation, movements and deployment. Included are studies in spherical trigonometry, mathematical analysis and practices, spherical triangulation, sights, sextants, publications and logs. Rules of the road, lights and signals, and navigational aids, including satellite and inertial guidance systems are reviewed.

NSC 3215C - Navigation and Naval Operations II 4
A comprehensive study of the theory, concepts, principles and procedures of ship navigation, movements and deployment. Individual and multi-ship formations, dispositions and maneuvers are analyzed for force effectiveness and mission support. Principles of relative motion and maneuvering board procedures are applied to maneuvering problems.

NSC 3221 - Evolution of Warfare 3
A study of the concepts, art, and evolution of warfare. Purposes of the study are to formulate the sense of historical continuity in the evolution of warfare and to explore the impact of historical precedent on military thought and actions of the great leaders and military organizations.

NSC 4104 - Senior Drill (Naval Science Lab) 0
Drill, basic commands, courtesies and honors; orientation and information period. Also, practical exercises dealing with the specifics of naval organizations and leadership.

NSC 4224 - Amphibious Warfare 3
A historical survey of projection of combat power ashore. The course seeks to define the concept, explore its doctrinal origins, and trace its evolution as an element of naval policy during the twentieth century. The case study method is used alongside the theme of general historical continuity to develop an understanding of the relatively new and still maturing concepts of amphibious warfare.

NSC 4230 - Leadership and Management 3
A comprehensive study of organizational behavior and management. The theme of the course is the “officer as a manager, organizational decision maker, and leader.” Topics include a survey of the management functions of planning, organizing and controlling; an introduction to individual and group behavior in organizations; and extensive study of motivation and leadership. Major behavioral theories are explored in detail. Other topics include decision making, communication, responsibility, authority, and accountability.

NSC 4233 - Leadership and Ethics 3
A course designed to provide graduating midshipmen with the ethical foundation and basic leadership tools needed to be effective junior officers and successful leaders in the U.S. Navy and Marine Corps. Subjects covered include counseling, human resources management, military justice, administration, leadership styles, naval discipline, officer performance, and Division Officer management. A combination of case studies and seminars are used to enhance the midshipmen’s understanding of actual practice.

Institute of Police Technology and Management 3
The Institute of Police Technology and Management (IPTM), created and designed to provide management, traffic and specialized training to municipal, county, state and federal law enforcement officers, has become the largest police training program of its kind in the United States. Annually, IPTM trains more than 14,000 officers from throughout the world.

Operating under the University’s Training and Service Institute, IPTM is an integral part of UNF and offers most of its training programs in Jacksonville.

The 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.

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.

In addition to courses offered in Jacksonville, the Institute presents training programs throughout North America and abroad. These training programs are usually presented under a contractual arrangement with government agencies.

In 1997, IPTM acquired the Public Safety Institute located in Orlando, Florida. It is a division of IPTM and serves as an additional training facility.

Participants who successfully complete IPTM courses receive certificates to recognize their achievement.

IPTM also serves as a clearinghouse for police microcomputer information. The Institute provides training, technical assistance and customized software to police and highway safety organizations throughout the United States.

The Institute has been designated as one of the three (3) Police Traffic Radar Testing Facilities and one of two (2) Police Traffic Laser Testing Facilities by the U.S. Department of Transportation.
The University of North Florida Foundation Inc. The University of North Florida Foundation Inc. is a non-profit, 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 forty-five board members 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 $100 million in assets, including an endowment valued at $36 million.

Standing committees of the Foundation are: 1) the Advancement Committee, with responsibilities for fund raising, donor relations, corporate relations and stewardship; 2) the College Partnership Committee, which strives to strengthen Foundation/college partnerships as a mechanism to promote individual programs in the community and to address common issues as they relate to alumni, media relations and academic enhancements; 3) the Finance Committee, which makes recommendations on financial matters and reviews the annual operating budget and audit; 4) the Government Relations Committee, which organizes advocacy efforts on the University’s behalf; and 5) the Investment Committee, which oversees investment of the Foundation’s endowed and non-endowed funds.

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 hosts many of UNF’s events, such as Homecoming and Family Weekend, and designs programs and events for the more than 40,000 UNF graduates. Alumni Services supports the UNF Alumni Association and has established clubs in areas such as Central Florida, Tampa Bay, Miami, Atlanta, and Belize, Central America. The Jacksonville club serves as the host chapter. Alumni Services coordinates the Student Alumni Association and serves as advisor to the Presidential Envoys, a volunteer group serving UNF as its official student ambassadors. Alumni Services is located in Building 855. The Office of Alumni Services is open Monday through Friday 8 a.m. to 5 p.m. (904) 620-4723 or 1-800-UNF-GRAD. Web address: www.unf.edu/alumni.

Parent Relations The Parent Relations program serves as the liaison between the parents of UNF’s students and the University. During Freshman Orientation, seminars are presented to help parents learn more about the University’s policies. Parents are encouraged to volunteer to help with recruiting and career development, and to attend the annual Parents/Family Weekend each fall and other activities planned especially for parents and their students.

UNF Osprey Club The UNF Osprey Club functions to support UNF athletics by raising money for capital improvements, operational needs and athletic scholarships. A general organization of business and community leaders 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 620-1068.
University Center

George Androuin, Director 620-4222

University Center
The University Center is a 95,000 square foot conference and academic support facility, one of the largest university-based centers in the country. The University Center offers the latest in technology and equipment; furnishings designed for maximum participant comfort; outstanding food and beverage services; and a friendly, service-oriented staff.

The mission of the University Center is to provide quality meeting facilities and services for conferences, workshops, seminars, meetings and special events. 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, Florida Institute of Education, Institute of Government, 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, distance learning and case study rooms, and full audiovisual services. Downlink satellite transmission and videoconferencing enable conference planners to transmit and receive from other locations throughout the world. 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, downtown Jacksonville and recreation. 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 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.
The Division of Continuing Education provides opportunities for individuals to gain new skills or begin an exciting new career through non-credit courses.

**Non-Credit Program: Professional Development and Training Institutes** 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.

The Division of Continuing Education, through the non-credit program, offers professional development and certificate programs for business and industry, governmental agencies, health organizations and educators. The programs feature experts in their fields and vary in length, depending on the content of the program. Professional assistance is available in planning and developing these and other non-credit programs and in managing conferences and other large meetings.

**Program Topics** 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) 620-4242 and we will send you specific program information and course dates, or visit our web site at www.ce.unf.edu.

- Conflict Management
- Coaching and Counseling Employees
- Communications
- Customer Service
- CME Courses for Physicians and Nurses
- English Language Program
- Financial Planning
- Franklin Covey Programs
- Grammar Refresher
- Hazardous Materials
- How to Value a Business
- Information Technology
- Instructional Design
- Insurance
- Leadership and Management
- Legal Secretary Certificate
- Legal Nurse Consultant Certificate Program (online)
- Listening Skills
- Medical Coding Certificate
- Medical Secretary Certificate
- Memory Strategies
- Negotiating Skills
- Quality and Continuous Improvement
- Paralegal Certificate Program
- Project Management
- Public Speaking
- Railroad Conductor Training
- Speed Reading
- Strategic Planning
- Stress Management
- Supervisory Management
- Test Preparation Courses: GRE, GMAT, SAT, TOEFL
- Team Building
- Telephone Techniques
- Time Management
- Training Techniques
- Writing and Communications Skills

*The 16th Annual Administrative Professionals Seminar and Luncheon hosted by the UNF Division of Continuing Education. Over 1,000 professionals attended. This is just one of the many educational events the Division of Continuing Education produces.*
Computer Institute
UNF Continuing Education offers the following non-credit certified technical computer training programs:

- A+ Certification
- Certified Information Systems Security Professional (CISSP)
- Certified Internet Webmaster (CIW)
- Network Security Professional
- Windows 2000 Microsoft Certified Professional (MCP)
- Windows 2000 Microsoft Certified Systems Administrator (MCSA)
- Windows 2000 Microsoft Certified Systems Engineer (MCSE)

Call UNF Continuing Education at (904) 620-4260 for more information.

English Language Program (ELP) The UNF Division of Continuing Education offers a non-credit intensive English language certificate program for international students, members of the community, visitors and business people. Classes are offered for day and evening students. The curriculum focuses on preparation for academic coursework, TOEFL preparation, computer-assisted learning, as well as English for specific business purposes. Cultural and functional language components assist students in adapting to their new environment. In addition, May Conversation Month offers ELP students a four-week session to practice realistic speaking and pronunciation. The twenty-one hour per week program is scheduled on a year-round basis as follows:

- Summer: June-July
- Fall: August-December
- Fall half: October-December
- Spring: January-April
- Spring half: March-April

For more information or to request a brochure, contact the UNF Division of Continuing Education: (904) 620-4281; rharrold@unf.edu.

Legal Studies Institute & Health Careers Institute UNF Continuing Education has non-credit certificate programs in legal studies — paralegal, legal administrative assistant and legal nurse consulting — and health careers — healthcare management practices, medical coding and medical secretary. Many of the various program courses, and the complete legal nurse consulting program, are offered online.

Learning Options UNF Continuing Education offers flexibility for students to study and learn in an educational format that meets the student’s needs. There is the traditional in-classroom format. Those programs/courses are held at the University Center and at other locations in northeast Florida. There are distance learning formats. Online programs/courses are offered in insurance, financial planning, computer and legal studies. Non-credit correspondence programs/courses are also offered in legal studies, in cooperation with The Kaplan Colleges, and medical continuing education.

Customized Training Programs Most of the courses offered by the Division can be made available on a customized basis for businesses or other organizations. In addition, training programs not normally offered by the Division can be designed to meet the specific requirements of the organization. Call 620-4280 for more information.

Conference Services and Special Events
The Division of Continuing Education’s Department of Conference Services and Special Events provides professional management services for businesses, organizations and professional associations. Programs can be held on the UNF campus, at business sites or at appropriate hotel or resort locations. Our services include, but are not limited to:

- Pre-conference planning
- Market/promotional planning
- Web site development
- Logistics Management
- Registration, fee collection and account management
- Site negotiations and arrangements
- On-site management
- Program evaluation and follow-up
- Continuing Education Units (CEU’s)

With our assistance, sponsors retain total control of program content and delivery while being relieved of the administrative details. For more information, please call 904-620-4284.

Continuing Education Units Individuals participating in certain non-credit programs may be awarded Continuing Education Units (CEU’s). The award of CEU’s is based primarily on successful completion of the program. The CEU is neither a means of earning traditional course credit nor a way to transfer non-credit experiences toward a college degree. The CEU is a device for recognizing and recording participation in learning programs which are meaningful, enhancing and self-fulfilling. It is also a means to meet the requirements of those organizations and professions which encourage members to continue their education.

Course Location Non-Credit programs are held at the University Center and at other locations in northeast Florida.

Correspondence Courses The University of Florida’s Division of Continuing Education administers all correspondence instruction for Florida’s public universities. College credit, high school credit, and continuing professional education courses are available anytime, anywhere through regular mail and fax (some by e-mail). Independent Study offers more than 150 courses to students who would like a flexible schedule or an opportunity to take extra classes. It is possible to enroll any time during the year.

In 1996, the state revised the General Provisions Rule 64-4.002, at the Bureau of Teacher Certification for the State of Florida. Any teacher in the State of Florida can now use credit correspondence courses, as appropriate, to apply toward the recertification of their teaching license. Moreover, there is no limit to the number of courses that may fulfill the requirements.

The current catalog details enrollment procedures, fees, and course information. Call or write now for your free copy: University of Florida, Department of Independent Study, Division of Continuing Education, Suite D, 2209 NW 13th Street, Gainesville, FL 32609; (352) 392-1711 Ext. 200; or e-mail: Learn@nervm.nerdc.ufl.edu. Check out their home page: http://www.doce.ufl.edu/indstudy.

Fees Non-credit programs do not receive state appropriations; therefore, fees to support these programs are charged to participants.
### Appendix A
University Officers, Faculty and Staff 2003-2004

#### Executive Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. David Kline, Ph.D.</td>
<td>(University of Wisconsin - Madison)</td>
<td>Interim President; Professor, Department of Philosophy</td>
</tr>
<tr>
<td>Thomas S. Serwatka, Ph.D.</td>
<td>(Kent State University)</td>
<td>Special Assistant to the President and Dean of Graduate Studies and Research; Professor, Division of Educational Services and Research (Special Education)</td>
</tr>
<tr>
<td>Henry J. Camp, Ph.D.</td>
<td>(University of Nebraska)</td>
<td>Interim Vice President for Academic Affairs; Professor, Department of Sociology, Anthropology and Criminal Justice (Sociology)</td>
</tr>
<tr>
<td>Pierre N. Allaire, Ph.D.</td>
<td>(University of Louisville)</td>
<td>Vice President for Institutional Advancement</td>
</tr>
<tr>
<td>Mauricio Gonzalez, Ph.D.</td>
<td>(Florida State University)</td>
<td>Vice President for Student and International Affairs</td>
</tr>
<tr>
<td>Richard L. Crosby, B.S.</td>
<td>(University of West Florida)</td>
<td>Interim Vice President for Administration and Finance</td>
</tr>
<tr>
<td>Karen J. Stone, J.D.</td>
<td>(University of Florida)</td>
<td>General Counsel</td>
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#### Deans

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<tr>
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<tbody>
<tr>
<td>Mark E. Workman, Ph.D.</td>
<td>(University of Pennsylvania)</td>
<td>Dean, College of Arts and Sciences; Professor, Department of English and Foreign Languages (Literature and Folklore)</td>
</tr>
<tr>
<td>Earle C. Traynham, Ph.D.</td>
<td>(University of South Carolina)</td>
<td>Dean, Coggin College of Business; Professor, Department of Economics and Geography (Economics) and ECT Distinguished Professor of Business Administration</td>
</tr>
<tr>
<td>Neal S. Coulter, Ph.D.</td>
<td>(Georgia Institute of Technology)</td>
<td>Dean, College of Computing Sciences and Engineering; Professor, Department of Computer and Information Sciences</td>
</tr>
<tr>
<td>Katherine M. Kasten, Ph.D.</td>
<td>(University of Wisconsin-Madison)</td>
<td>Dean, College of Education and Human Services; Professor, Division of Educational Services and Research (Educational Leadership)</td>
</tr>
<tr>
<td>Pamela S. Chally, Ph.D.</td>
<td>(Georgia State University)</td>
<td>R.N., Dean, College of Health; Professor, School of Nursing</td>
</tr>
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#### Academic Support Officers

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Debra M. Abbot, Ph.D.</td>
<td>(University of Florida)</td>
<td>Assistant Director, Center for Instruction and Research Technology (CIRT)</td>
</tr>
<tr>
<td>Lise M. Amundrud, M.P.A.</td>
<td>(University of North Florida)</td>
<td>Director of Annual Giving, Institutional Advancement</td>
</tr>
<tr>
<td>Linda H. Anderson, B.B.A.</td>
<td>(University of Georgia)</td>
<td>CPA, Associate Vice President for Administration and Finance</td>
</tr>
<tr>
<td>George Androuin, B.S.</td>
<td>(Florida International University)</td>
<td>Director, University Center</td>
</tr>
<tr>
<td>Bart Andrus, M.S.</td>
<td>(United States Sports Academy)</td>
<td>Greek Affairs Coordinator, Student Life</td>
</tr>
<tr>
<td>Ricky B. P. Arjune, M.P.A.</td>
<td>(University of North Florida)</td>
<td>FCCA, FCA, Director, University Budgets</td>
</tr>
<tr>
<td>Margaret A. Armstrong, M.A.</td>
<td>(University of South Florida)</td>
<td>Assistant Director, English Language Program, Division of Continuing Education</td>
</tr>
<tr>
<td>Cassandra Barlow, M.P.A.</td>
<td>(University of North Florida)</td>
<td>Retention Coordinator, Center for Student Success and Retention</td>
</tr>
<tr>
<td>James Baur, B.S.H.</td>
<td>(University of North Florida)</td>
<td>Coordinator, Dottie Dorion Fitness Center</td>
</tr>
<tr>
<td>Ana Baynard, B.A.</td>
<td>(Central University of Venezuela and University of North Florida)</td>
<td>International Student Advisor, International Center</td>
</tr>
<tr>
<td>Charles E. Bear Jr., B.S.B.A.</td>
<td>(University of Florida)</td>
<td>Director, Physical Facilities</td>
</tr>
<tr>
<td>Fred C. Beck, M.D.</td>
<td>(Bowman Gray School of Medicine)</td>
<td>Director, Medical Services</td>
</tr>
<tr>
<td>Pamela C. Bell, M.A.</td>
<td>(University of North Florida)</td>
<td>Director, Child Development Research Center</td>
</tr>
<tr>
<td>Gordon Benson, Ph.D.</td>
<td>(Florida State University)</td>
<td>Director, Office of Academic Testing</td>
</tr>
<tr>
<td>Deborah Berard, B.S.</td>
<td>(University of Central Florida)</td>
<td>Accounting Coordinator, Financial Aid</td>
</tr>
<tr>
<td>Brian Blakeslee, M.Ed.</td>
<td>(University of North Florida)</td>
<td>Assistant Director, University Center</td>
</tr>
<tr>
<td>Ginny M. Boney, Ph.D.</td>
<td>(University of Florida)</td>
<td>Specialist, Student Counseling, Counseling Center</td>
</tr>
</tbody>
</table>
Steven J. Borowiec, M.P.A. (University of North Florida) Director, Division of Continuing Education

Carol Ann Boyles, M.Ed. (University of Florida) Associate Director of Career Services

Shawn W. Brayton, M.H.R.M. (University of North Florida) Assistant Director for Academic Affairs

Alison R. Brazzeal, M.A.T. (Jacksonville University) Academic Advisor, Honors Program

Norma M. Brizzi, M.A.A. (University of Florida) Associate Director of Student Life for Student Activities

Rachel Broderick, M.Ed. (University of North Florida) Director, College of Health Advising Office

John Brooks, M.B.A. (University of North Florida) Head Golf Coach, Athletics

George Brownnett, M.Ed. (University of North Florida) Academic Advisor, College of Education and Human Services

Ray Bunch, Head Men’s Soccer Coach, Athletics

Bryan Bunn, M.A. (Stephen F. Austin State University, Nacogdoches, Texas) Head Women’s Volleyball Coach, Athletics

Heather Burk, B.A. (University of North Florida) Coordinator, Academic Programs, Honors Program

Joseph J. Camp, Ph.D. (University of Florida) Coordinator, Career Services

Joann N. Campbell, Ph.D. (Florida State University) Associate Vice President for Academic Affairs

Joseph J. Capitanio, Laboratory Manager, Educational Technology Center, College of Education and Human Services

Jo Carlisle, B.S. (Pennsylvania State University) Assistant Director of Admissions - Transfer Students and Publications

Heather Carter, B.A. (Bethune Cookman) Academic Advisor, Center for Freshman and Sophomore Advising

Leland G. Clabots, M.S.H./M.P.H. (University of Pittsburgh) Coordinator, Legal Studies/Health Careers Institutes, Division of Continuing Education

Elizabeth Joan Clements, B.A. (University of North Florida) Assistant to the Dean of the College of Arts and Sciences

James L. Collom Jr., Ph.D. (Purdue University) Director of Sponsored Research and Training

Connie W. Corker, M.P.A. (University of North Florida) Executive Assistant to the President

Keli Coughlin, M.S. (Michigan State University) Head Athletic Trainer

David M. Crabtree, M.F.A. (University of Florida) Associate Director of Student Life for Facilities Management

Ann Crook, B.S. (University of Florida) College Development Officer, College of Arts and Sciences

Dorreen A. Daly, M.A.C. (University of North Florida) Executive Assistant, Student Affairs

Sherry H. David, M.Ed. (University of North Florida) Director of Admissions

Larry L. Davis, B.S. (University of West Florida) Director of Telecommunications

Christine A. DeVos, M.S. (Purdue University) Student Activities Coordinator, Office of Student Organizations; Student Ombuds Officer

Francis J. DiFalco, B.A. (University of South Maine) Assistant Director, Railroad Institute, Division of Continuing Education

Theresa M. DiNuzzo, Ph.D. (University of Florida) Director, Counseling Center

Janice W. Donaldson, M.P.A. (University of North Florida) Regional Director, Small Business Development Center

Dan Dundon, B.S.J. (Ohio University) Director, News and Publications

Dan D. Endicott, M.S. (Central Missouri State University) Director of Environmental Health and Safety

Beverly A. Evans, M.B.A. (University of North Florida) Director of Training & Services Institute/Foundation Accounting

Helon Evans, B.B.A. (University of North Florida) Assistant Director, Human Resources

Sandra A. Ezell, B.A. (University of Florida) Associate Director, Human Resources

Scott Farber, Ph.D. (University of Florida) Writing Instructor, Honors Program

Carrie L. Feider, M.S.W. (Tulane University School of Social Work) Specialist, Student Counseling, Counseling Center

Cheryl A. Fountain, Ed.D. (University of Florida) Executive Director, Florida Institute of Education; Professor, College of Education and Human Services

Al R. Fritts, B.S. (University of Maryland) General Manager, Railroad Institute, Division of Continuing Education

R. Paul Fuller, M.A. (Norwich University) Assistant Director, Office of Equal Opportunity Programs

Danah Gammage, M.P.A. (University of North Florida) Honors Admissions Coordinator

Angela Garcia, M.Ed. (University of North Florida) Academic Advisor, College of Education and Human Services

Tasha George Green, M.A. (University of Southwestern Louisiana) Director, Center for Student Success and Retention
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<thead>
<tr>
<th>Name</th>
<th>Degree/University</th>
<th>Position/Role</th>
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Martin I. Edwards, J.D. (University of Florida) Director of Pre-Law Program and Instructor in Department of Sociology, Anthropology and Criminal Justice (Criminal Justice)
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Linda A. Foley, Ph.D. (University of Florida) Professor, Department of Psychology; Distinguished Professor, 1982

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Elizabeth L. Furdell, Ph.D. (Kent State University) Professor, Department of History; Distinguished Professor, 2002

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Paul Karabinis, M.F.A. (University of Florida) M.A. (Boston University) Director of the University Gallery (Photography, History of Photography, and University Honors)

Nicholas M. Karayanakis, Ph.D. (University of Illinois) Professor, Division of Educational Services and Research

Jerzy J. Karylowksi, Ph.D. (University of Warsaw) Professor, Department of Psychology; Distinguished Professor, 1995

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Ronald F. Kephart, Ph.D. (University of Florida) Associate Professor and Foreign Language Coordinator, Department of English and Foreign Languages (Spanish)

Mark Kilgore, M.S. (Southern College of Technology) Research Associate, Division of Engineering (Civil Engineering)

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A. David Kline, Ph.D. (University of Wisconsin - Madison) Interim President; Professor, Department of Philosophy

William Klostermeyer, Ph.D. (University of Florida) Associate Professor, Department of Computer and Information Sciences

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

Douglas Lambert, Ph.D. (Ohio State University) Prime Osborn III Eminent Scholar in Transportation, Department of Management, Marketing and Logistics

J. David Lambert, Ph.D. (University of Florida) Visiting Assistant Professor, Department of Building Construction

Lori Y. Lange, Ph.D. (University of Wisconsin - Milwaukee) Visiting Assistant Professor, Department of Psychology

Laura Langton, M.Ed. (University of North Florida) Visiting Instructor, Division of Curriculum and Instruction

Bruce T. Latimer, M.S.L.S. (Florida State University) University Librarian; Head of Documents

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

Thomas M. Leonard, Ph.D. (American University) Professor, Department of History; Distinguished Professor, 1985

Christopher T. Leone, Ph.D. (University of Georgia) Professor and Coordinator of the MAGP Program, Department of Psychology

Joe M. Lesem, M.A. (University of Missouri) Associate Professor, Department of Communications and Visual Arts (Broadcasting)

Nancy J. Levine, Ph.D. (Columbia University) Associate Professor, Department of English and Foreign Languages (English)

Ronald T. Libby, Ph.D. (University of Washington) Professor, Department of Political Science and Public Administration (Political Science)

Leonard J. Lipkin, Ph.D. (University of Michigan) Professor, Department of Mathematics and Statistics (Mathematics); Distinguished Professor, 1984

Judy H. Lombana, Ph.D. (Florida State University) Professor, Division of Educational Services and Research (Counselor Education)

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Charlotte N. Mahrey, M.M. (University of Illinois) Professor, Department of Music (Music); Distinguished Professor, 2001

John B. MacArthur, Ph.D. (University of Wales, U.K.) FCCA, Kathryn and Richard Kip Professor of Accounting, Department of Accounting and Finance (Accounting)

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John C. Maraldo, Ph.D. (University of Munich-Germany) Professor, Department of Philosophy; Distinguished Professor, 1994

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

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Frank S. McLaughlin, Ph.D.  (University of Florida) Professor, Department of Management, Marketing and Logistics (Management and Quantitative Methods); Distinguished Professor, 1981

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Gregory Mead, Ph.D.  (University of Florida) Visiting Assistant Professor, Department of Biology

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Paul Rowe, M.A.T. (Jacksonville University) Visiting Instructor, Department of Mathematics and Statistics (Mathematics)

Randall J. Russac, Ph.D. (Arizona State University) Associate Professor, Department of Psychology

J. Michael Rutledge, M.F.A. (University of South Florida) Assistant Professor, Department of Communications and Visual Arts (Photography)

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

Otilia L. Salmon, Ph.D. (University of Florida) Associate Professor, Division of Curriculum and Instruction (ESOL Education)

Lowell M. Salter, Ph.D. (University of Arkansas) Professor, Department of Management, Marketing and Logistics (Marketing)

A. Coskun Samli, Ph.D. (Michigan State University) Research Professor, Department of Management, Marketing and Logistics (Marketing and International Business)

Arturo J. Sanchez-Ruiz, Ph.D. (Rensselaer Polytechnic Institute) Assistant Professor, Department of Computer and Information Sciences

Allan N. Sander, Ph.D. (Florida State University) Associate Professor, Division of Curriculum and Instruction (Physical Education)

Dawn M. Saracino, M.H.S. (University of Florida) P.T., NCS, Instructor, Department of Athletic Training and Physical Therapy

Judith J. Sayre, M.A. (University of Florida) Instructor, Department of Communications and Visual Arts (Advertising)

Claudia Scaff, M.F.A. (Iowa State University) Assistant Professor, Department of Communications and Visual Arts

Daniel L. Schafer, Ph.D. (University of Minnesota) Professor, Division of History; Distinguished Professor, 1996

Elinor A. Scheirer, Ph.D. (Ohio State University) Professor, Division of Curriculum and Instruction (Curriculum Studies, Qualitative Research)

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

James Scholler, M. (University of North Florida) Instructor, Department of Public Health

John J. Schulte, Psy.D. (University of Central Michigan) Visiting Assistant Professor, Department of Psychology

Rebecca A. Schumacher, Ed.D. (University of Maine) Assistant Professor, Division of Educational Services and Research (Counselor Education)

Robert W. Schupp, J.D. (University of Florida) Associate Professor, Department of Management Marketing and Logistics (Business Law)

David Schwam-Baird, Ph.D. (Tulane University) Assistant Professor, Department of Political Science and Public Administration

Shira Schwam-Baird, Ph.D. (Tulane University) Associate Professor, Department of English and Foreign Languages (French)

Cynthia G. Scott, Ph.D. (Southern Illinois University) Associate Professor, Department of Public Health (Rehabilitation Counseling)

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

Renee S. Scott, Ph.D. (University of California-Berkeley) Associate Professor, Department of English and Foreign Languages (Spanish)

Janice J. Seabrooks, Ph.D. (Florida State University) Director, Special Education Program; Associate Professor, Division of Educational Services and Research (Special Education Program)

Jan Sebring, M.S.N. (Medical University of South Carolina) A.R.N.P., C.S., Instructor, School of Nursing

Pali Sen, Ph.D. (Ohio State University) Associate Professor, Department of Mathematics and Statistics (Statistics)

Thomas S. Serwatka, Ph.D. (Kent State University) Dean of Graduate Studies and Research, and Special Assistant to the President; Professor, Division of Educational Services and Research (Special Education)

Behrooz Seyed-Abbassi, Ph.D. (University of Oklahoma) Associate Professor, Department of Computer and Information Sciences

Adam Shapiro, Ph.D. (University of Texas at Austin) Associate Professor, Department of Sociology, Anthropology and Criminal Justice (Sociology)

Stephen L. Shapiro, Ph.D. (University of South Carolina) Professor, Department of Economics and Geography, Director, Center for Economic Education (Economics)
Aaron Sheehan-Dean, Ph.D. (University of Virginia) Assistant Professor, Department of History

Rebeca Siegel, Ph.D. (University of Texas at Austin) Assistant Professor, Department of English and Foreign Languages (Spanish)

Judith Simms, B.S. (University of North Florida) Coordinator, Research Programs and Services, Department of Chemistry and Physics (Chemistry)

David Simon, Ph.D. (Rutgers University) Visiting Assistant Professor, Department of Political Science and Public Administration

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)

Natalia S. Sinyavskaya, Ph.D. (Ohio State University) Assistant Professor, Department of Economics and Geography (Economics)

William R. Slaughter, Ph.D. (Purdue University) Professor and Undergraduate English Coordinator, Department of English and Foreign Languages (English); Distinguished Professor, 1990

Gary L. Smart, D.M.A. (Yale University) Professor, Department of Music (Music)

Marin Smillov, Ph.D. (University of Florida) Visiting Assistant Professor, Department of Philosophy

A. Russell Smith Jr., M.M.Sc. (Emory University) P.T., OCS, Assistant Professor, Department of Athletic Training and Physical Therapy

G. Pritchcy Smith, Ed.D. (North Texas State University) Professor, Division of Curriculum and Instruction (Multicultural and Sociological Foundations of Education)

Jillian Smith, Ph.D. (Pennsylvania State University) Assistant Professor, Department of English and Foreign Languages (English)

Kelly Smith, Ph.D. (Rutgers University) Assistant Professor, Department of Biology

Linda Smith, M.N. (University of South Carolina) Courtesy/Assistant Professor, School of Nursing

Linda L. Smith, M.L.S. (University of North Carolina-Chapel Hill) University Librarian; Head of Cataloging

Michael P. Smith, Ed.D. (Ball State University) Associate Professor and Associate Chair, Division of Curriculum and Instruction (Art Education)

Judith L. Solano, Ph.D. (Florida State University) Associate Professor and Chair, Department of Computer and Information Sciences

Joque H. Soskis, J.D. (University of Florida) Assistant Professor, Department of Sociology, Anthropology and Criminal Justice (Criminal Justice)

Valerie K. Spitler, Ph.D. (New York University) Assistant Professor, Department of Management, Marketing and Logistics (Information Systems Management)

Christopher P. Stagl, M.F.A. (Florida Atlantic University) Assistant Professor, Department of Communications and Visual Arts

Nile V. Stanley, Ph.D. (University of Florida) Associate Professor, Division of Curriculum and Instruction (Primary and Elementary Education)

Victoria T. Stanton, M.S.L.S. (University of Kentucky) University Librarian, Head of Serials

Jeffrey W. Steagall, Ph.D. (University of Wisconsin at Madison) Richard deRaismes Kip Professor of International Business; Professor, Department of Economics and Geography (Economics) Director, International Business Program and Center for International Business Studies

Elizabeth Stearns, Ph.D. (University of North Carolina, Chapel Hill) Assistant Professor, Department of Sociology, Anthropology and Criminal Justice (Sociology)

Joseph B. Steinman, D.B.A. (Lausanne Business School) Visiting Distinguished Lecturer in Finance, Department of Accounting and Finance (Finance)

Robert V. Stern, Ph.D. (Florida State University) Visiting Lab Lecturer, Department of Chemistry and Physics (Chemistry)

Gerald J. Stine, Ph.D. (University of Delaware) Professor, Department of Biology

Keith Stokes, B.S. (University of South Florida) Laboratory Lecturer, Department of Biology

Carolyn B. Stone, Ed.D. (University of Florida) Co-Director, Counselor Education Program; Associate Professor, Division of Educational Services and Research (Counselor Education)

Menia Stone, Ed.D. (University of Miami) Visiting Assistant Professor, Division of Curriculum and Instruction

Tammie La-Juan Stout, M.Ed. (University of North Florida) Visiting Instructor, Division of Educational Services and Research (Deaf 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 and Foreign Languages (English)

Theodore J. Stumm, Ph.D. (Texas Tech University) Associate Professor, Department of Political Science and Public Administration (Public Administration and Political Science)

Arva L. Sufi, M.A. (University of South Florida) Director of Academic Advising; College of Arts & Sciences

Stanley L. Swart, Ph.D. (Northwestern University) Associate Professor, Department of Sociology, Anthropology and Criminal Justice (Criminal Justice)

Janice Swenson, Ph.D. (University of North Florida) Coordinator, Research Programs and Services, Department of Chemistry and Physics (Chemistry)

Terry R. Tabor, Ed.D. (University of Tennessee) Associate Professor, Department of Public Health
Diane L. Tanner, M.Acc (University of North Florida) CPA, Instructor, Department of Accounting and Finance (Accounting)

Kay H. Tasso, M.A. (Virginia Polytechnic Institute and State University) P.T., PCS, Assistant Professor, Department of Athletic Training and Physical Therapy

Marjory Templeton, M.B.A. (University of Rochester) Instructor, Department of Management, Marketing and Logistics (Management Information Systems)

Mary Sue Terrell, Ph.D. (University of Alabama) Associate Professor, Division of Curriculum and Instruction (Music Education)

Mamadou Thiam, Ph.D. (University of Rhode Island) Visiting Lab Lecturer, Department of Chemistry and Physics (Chemistry)

Mary T. Thigpen, Ph.D. (University of Florida) P.T., NCS, Assistant Professor, Department of Athletic Training and Physical Therapy (Health and Human Performance)

Henry B. Thomas, D.P.A. (University of Southern California) Associate Professor, Department of Political Science and Public Administration (Public Administration and Political Science)

Robert L. Thunen, Ph.D. (Northwestern University) Assistant Professor, Department of Sociology, Anthropology and Criminal Justice (Anthropology)

E. Allen Tilley, Ph.D. (University of Iowa) Professor and Chair, Department of English and Foreign Languages (English); Distinguished Professor, 1997

Jingcheng Tong, Ph.D. (Wayne State University) Professor, Department of Mathematics and Statistics (Mathematics)

Earle C. Traynham, Ph.D. (University of South Carolina) Dean, Coggin College of Business; 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, College of Health and Associate Professor, School of Nursing (Nursing)

Frederick Troendle, Ph.D. (University of Florida) Visiting Assistant Professor, Department of Chemistry and Physics (Chemistry)

Materesa Tuason, Ph.D. (State University of New York, Albany) Assistant Professor, Department of Psychology

Barbara L. Tuck, M.S.L.S. (Florida State University) University Librarian

Russell Turney, M.A. (George Mason University) Instructor, Department of English and Foreign Languages

Verna Urbanski, M.A. (University of Kansas) M.L.S. (State University of New York — Albany) University Librarian; Head of Copy Cataloging Section

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

M. Reza Vaghefi, Ph.D. (Michigan State University) Professor, Department of Management, Marketing and Logistics (Business Administration)

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

Janet Valentine, M.A. (University of North Florida) Visiting Instructor, Department of History

Cheryl A. Van Deusen, Ph.D. (University of South Carolina) CHA, CHE, Associate Professor, Department of Management, Marketing and Logistics (International Management)

Royal W. VanHorn, Ph.D. (University of Nebraska) Professor, Division of Curriculum and Instruction (Computer Education and Advanced Technology)

Clement J. Van Nagel, Ph.D. (University of Pittsburgh) Professor, Division of Educational Services and Research (Special Education)

Susan Vasana, Ph.D. (Queen’s University) Visiting Assistant Professor, Division of Engineering (Electrical Engineering)

Kunisi S. Venkatasubban, Ph.D. (University of Kansas) Chair and Professor, Department of Chemistry and Physics (Chemistry); Distinguished Professor, 2003

John J. Venn, Ph.D. (University of Florida) Professor and Chair, Division of Educational Services and Research (Special Education)

Robert A. Vergenz, Ph.D. (Rutgers University) Assistant Professor, Department of Chemistry and Physics (Chemistry)

Debra Wagner, M.S. (University of Utah) A.R.N.P., C.N.M., Instructor, School of Nursing

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

Amy Wainwright, M.A. (American University) Instructor, Literature

Bobby E. Waldrup, Ph.D. (University of Mississippi) CPA, Assistant Professor, Department of Accounting and Finance (Accounting)

F. Layne Wallace, Ph.D. (University of North Texas) Associate Professor, Department of Computer and Information Sciences

Susan R. Wallace, Ph.D. (University of North Texas) Associate Professor, Department of Computer and Information Sciences

Jeffrey Weathers, Ph.D. (University of Florida) Visiting Assistant Professor, Division of Curriculum and Instruction (Literacy Education)

Kristine Webb, Ph.D. (University of New Mexico) Associate Professor, Division of Educational Services and Research (Special Education)

Christine Weber, Ph.D. (Texas A&M University) Visiting Assistant Professor, Division of Curriculum and Instruction (Elementary Education)
Sally Weerts, Ph.D. (University of Minnesota) Assistant Professor, Department of Public Health

Bart Welling, Ph.D. (University of California) Assistant Professor, Department of English and Foreign Languages

Chudley E. Werch, Ph.D. (University of Wisconsin at Madison) Graduate Research Professor, Department of Public Health; Director, Center for Drug Prevention Research; Distinguished Professor, 2000

Mary L. White, Ph.D. (Florida State University) Visiting Instructor, Department of Economics and Geography

Kenneth T. Willburn, Ph.D. (Florida State University) Director, Educational Leadership Programs; Associate Professor, Division of Educational Services and Research (Educational Leadership)

Sharon T. Wilburn, Ph.D. (University of Florida) Associate Professor, Department of Public Health

Justina M. Wilcox, B.S. (Wayne State University) Laboratory Lecturer, Department of Biology

Jon Wiles, Ed.D. (University of Florida) Professor, Division of Educational Services and Research (Educational Leadership)

Michael C. Wiley, Ph.D. (New York University) Assistant Professor, Department of English and Foreign Languages (English)

Jeffry Will, Ph.D. (University of Massachusetts) Associate Professor, Department of Sociology, Anthropology and Criminal Justice (Sociology) and Director of Center for Community Initiatives

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

Steven A. Williamson, D.B.A. (Memphis State University) Director, Institute of Management Development and Organizational Studies; Associate Professor, Department of Management, Marketing and Logistics (Management)

William J. Wilson, Ph.D. (Texas A & M University) Professor, Department of Mathematics and Statistics (Statistics)

Charles N. Winton, Ph.D. (University of North Carolina at Chapel Hill) Professor, Department of Computer and Information Sciences

Peter Wludyka, Ph.D. (Clemson University) Associate Professor, Department of Mathematics and Statistics (Statistics)

Janice A. Wood, Ph.D. (Florida State University) Associate Professor, Division of Curriculum and Instruction (Pre-K, Primary and Elementary Education)

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

John Woodschlagter, Ph.D. (Northwestern University) Assistant Professor, Division of Engineering (Civil Engineering)

M. Lynn Woolsey, Ph.D. (Ohio State University) Assistant Professor, Division of Educational Services and Research (Deaf Education)

Mark E. Workman, Ph.D. (University of Pennsylvania) Dean, College of Arts and Sciences, and Professor, Department of English and Foreign Languages (Literature and Folklore)

Richmond D. Wynn, M.S. (University of North Florida) Instructor, Department of Public Health

Gabriel J. Ybarra, Ph.D. (University of Wisconsin - Milwaukee) Assistant Professor, Department of Psychology

Flavia Zanotto, Ph.D. (University of Oxford) Visiting Assistant Professor, Department of Biology

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

Ronald J. Zucker, M.S. (Troy State University in Montgomery) Instructor, Department of Computer and Information Sciences

Emeriti Faculty

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

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

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

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

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

Pamela D. Pickhardt, D.B.A. (University of Florida) Professor Emeritus of Management and Quantitative Methods
William Roach, M.A. (University of Georgia) Professor Emeritus of Communications


Bette J. Soldwedel, Ed.D. (New York University) Professor Emeritus of Education

Ann H. Stoddard, Ed.D. (University of Georgia) Professor Emeritus of Education

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

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

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

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

Naval Science (NROTC) Staff Officers

Terry C. Ryan, M.E.A. (University of George Washington) Commander, U.S. Navy, Professor of Naval Science

Kevin P. Collins, B.A. (University of Florida) Major, USMC, Marine Officer Instructor

Kimberly D. Bynum, B.S. (Florida A & M University) Lieutenant, U.S. Navy, Instructor

Jacob A. Foret, B.S. (U. S. Naval Academy) Lieutenant, U.S. Navy, Instructor

Erika K. Spencer, B.S. (U. S. Naval Academy) Lieutenant, U.S. Navy, Instructor

Distinguished Professors

Dr. Bette J. Soldwedel, 1979 (deceased)
Dr. Jay S. Huebner, 1980
Dr. Frank S. McLaughlin, 1981
Dr. Linda A. Foley, 1982
Dr. Jay A. Smith Jr., 1982
Dr. Richard de R. Kip, 1983
Dr. Leonard J. Lipkin, 1984
Dr. Thomas M. Leonard, 1985
Dr. Gerson Yessin, 1986 (retired)
Dr. Robert J. Drummond, 1987 (retired)
Dr. Robert W. Loftin, 1988
Dr. Steven K. Paulson, 1989
Dr. William R. Slaughter, 1990
Mr. Andrew Farkas, 1991
Dr. James B. Crooks, 1992
Mr. William A. Brown, 1993
Dr. John C. Maraldo, 1994
Dr. Jerzy Karylowski, 1995
Dr. Daniel L. Schafer, 1996
Dr. E. Allen Tilley, 1997
Dr. David T. Courtwright, 1998
Dr. Richard B. Bizot, 1999
Dr. Chudley E. Werch, 2000
Ms. Charlotte N. Mabrey, 2001
Dr. Elizabeth L. Furdell, 2002
Dr. Kunisi S. Venkatasubban, 2003

Outstanding Undergraduate Teacher Awards

Dr. William J. Herrold Jr., 1984 (retired)
Dr. Robert W. Loftin, 1984
Dr. Yap S. Chu, 1985
Dr. Kenneth M. Jennings, 1985
Dr. E. Allen Tilley, 1986
Ms. Kathaleen C. Bloom, 1986
Dr. Christine E. Rasche, 1987
Dr. Sharon T. Weaver, 1987
Ms. Bettie M. Adams, 1988
Dr. Ray Bowman, 1988
Dr. Lawrence K. Carpenter, 1988
Dr. Virginia S. Raiser, 1988
Dr. Mary Sue Terrell, 1988
Dr. William J. Wilson, 1988
Dr. Mary Borg, 1989
Dr. Linda Foley, 1989
Dr. Elizabeth Furdell, 1989
Dr. John McEldowney, 1989
Dr. James Mittelstadt, 1989
Dr. Charles Winton, 1989
Dr. Joan Bray, 1990
Dr. Faiz Al-Rubaee, 1990
Dr. F. Layne Wallace, 1990
Ms. Louise Brown, 1991
Dr. William F. Prince, 1991
Dr. M. Sue Terrell, 1991
Dr. Ellinor A. Scheirer, 1991
Dr. Kunisi S. Venkatasubban, 1991
Ms. Diana L. Tanner, 1992
Dr. Mary Elizabeth D’Zamko, 1992 (retired)
Dr. Mary Lofton Grimes, 1992 (retired)
Dr. Christine E. Rasche, 1992
Dr. Susan R. Wallace, 1992
Dr. Otilia Salmon, 1993
Dr. Tayeb Giuama, 1993
Dr. Reza Vaghefi, 1993
Mr. Paul Ladnier, 1993
Dr. William Herrold, 1993 (retired)
Dr. Ping Sa, 1994
Dr. William Tomlinson, 1994
Dr. John Tucker, 1994
Dr. William J. Wilson, 1994
Dr. Simin Vaghefi, 1994
Dr. Edward A. Healy, 1995
Dr. Leonard J. Lipkin, 1995
Dr. Debra Murphy, 1995
Dr. Terry R. Tabor, 1995
Dr. Cheryl J. Frohlich, 1995
Dr. Jeffrey E. Michelman, 1995
Dr. Pamela S. Chally, 1996
Mr. Donald Zentz, 1996
Ms. Diana L. Tanner, 1996
Dr. Adel N. Boules, 1996
Dr. Joseph A. Butler, 1996
Dr. Paula Horvath-Neimeyer, 1996
Dr. Janet E. Bosnick, 1997
Dr. James B. Crooks, 1997
Dr. Virginia M. Duff, 1997
Dr. Bruce A. Gutknecht, 1997
Dr. Douglas M. Klein, 1997
Dr. Katherine M. Robinson, 1997
Dr. Michael P. Smith, 1997
Dr. David T. Courtwright, 1998
Dr. Patricia H. Foster, 1998
Dr. Betty G. Gilkison, 1998
Dr. Scott H. Hochwald, 1998
Dr. Edward A. Johnson, 1998
Dr. Samuel Kimball, 1998
Dr. Pamela A. Monteleone, 1998
Dr. Janice A. Wood, 1998
Dr. Faiz Al-Rubaee, 1999
Mr. Kevin S. Bales, 1999
Dr. Elizabeth L. Furndell, 1999
Dr. Doreen Radjenovic, 1999
Dr. Eric W. Robinson, 1999
Ms. Diana L. Tanner, 1999
Dr. Ellen M. Wagner, 1999
Dr. B. Jay Coleman, 2000
Dr. John A. Eider, 2000
Dr. Cheryl J. Frohlich, 2000
Dr. William R. Holcomb, 2000
Dr. Rebecca A. Marcon, 2000
Dr. Debra L. Murphy, 2000
Dr. Jeffrey W. Steagall, 2000
Dr. David T. Courtwright, 2001
Dr. John M. Francis, 2001
Dr. Adel N. Boules, 2001
Dr. Michael Lenz, 2001
Dr. Kim B. Capriotti, 2001
Dr. Lilla M. Loriz, 2001
Dr. Yap S. Chua, 2001
Dr. Sharon C. Cobb, 2002
Dr. Daniel Dreibelbis, 2002
Dr. Roger E. Eggan, 2002
Dr. Edward A. Johnson, 2002
Dr. Hans Herbert Köngler, 2002
Dr. Kristine Webb, 2002
Dr. Pamela A. Zeiser, 2002
Dr. Sanjay P. Ahuja, 2003
Dr. Homer L. Bates, 2003
Dr. Peter Braza, 2003
Dr. Cory R. Fine, 2003 (deceased)
Dr. Len Roberson, 2003
Dr. Behrooz Seyed-Abbasi, 2003
Ms. Diane L. Tanner, 2003

Outstanding Faculty Scholarship Award

Dr. Denis R. Bell, 1998
Dr. Chudley E. Werch, 1998
Dr. Christopher T. Leone, 1999
Dr. Kunisi S. Venkatassuban, 1999
Mr. Andrew Farkas, 2000
Dr. Iver Iversen, 2000
Dr. Jerzy J. Karylowski, 2001
Dr. A. Coskun Samli, 2001
Dr. Thomas L. Barton, 2002
Dr. David T. Courtwright, 2002
Dr. Linda A. Foley, 2002
Dr. Jay Coleman, 2003
Dr. Daniel L. Schafer, 2003

Outstanding Faculty Service Award

Dr. Judith L. Solano, 1998
Dr. Stephen L. Shapiro, 1998
Dr. Christine E. Rasche, 1999
Dr. Elmar A. Scheirer, 1999
Ms. Kathleen F. Cohen, 2000
Ms. Diane L. Tanner, 2000
Dr. Faiz Al-Rubaee, 2001
Dr. William H. Tomlinson, 2001

Outstanding Undergraduate Advisor Award

Valerie Brooks-Clark, 1990
Paul N. Higbee, 1991
Donald K. Graham, 1991
Arva W. Leath-Sufi, 1992
Josephine Fraizer, 1993
Michele Clements, 1994
Norma R. Stice, 1995
Rachel Broderick, 1996
Michele Clements, 1997
Valerie Holsey-Esguerra, 1998
Kellie G. Woodie, 1999
Rachel Broderick, 2000
Katharine Brown, 2001
Lisa Jamba-Joyner, 2002

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Bruce Taylor
Kevin M. Twomey
Dr. Terry Bowen, Faculty Trustee
Hank Rogers, Student Trustee
Appendix B  
General Education Requirements

### Native or Transfer Students with 0-59 (Freshman/Sophomore) Semester Hours *

<table>
<thead>
<tr>
<th>English Composition:</th>
<th>9 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required: ENC 1101 G(6) College Writing*</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2110 G(6) Introduction to Literature**</td>
<td>3</td>
</tr>
<tr>
<td>LIT 2932 G(6) Themes and Types in Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

G(6) Courses require 6,000 words of evaluated writing and must be completed with a grade of C or higher.

* ENC 1101 is a prerequisite for LIT 2110 and LIT 2932.
** LIT 2110 is a prerequisite for LIT 2932.

<table>
<thead>
<tr>
<th>Mathematics:</th>
<th>6 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pending Math Placement. Some majors require specific courses. Consult your advisor. Choose 2:</td>
<td></td>
</tr>
<tr>
<td>MGF 1106 G(M) Finite Math</td>
<td>3</td>
</tr>
<tr>
<td>MGF 1107 G(M) Explorations in Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1105 G(M) College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAC 1147 G(M) Precalculus</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2233 G(M) Calculus for Business</td>
<td>3</td>
</tr>
<tr>
<td>STA 2023 G(M) Elem. Statistics for Business</td>
<td>3</td>
</tr>
<tr>
<td>*(Prereq. MAC 1105 or 1147)</td>
<td></td>
</tr>
<tr>
<td>**MAC 2311 G(M) Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAC 2312 G(M) Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>**(Prereq. MAC 1147)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Humanities:</th>
<th>9 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Choose 1: EUH 1000 G(3) Freshman Core I</td>
<td>3</td>
</tr>
<tr>
<td>EUH 1001 G(3) Freshman Core II</td>
<td>3</td>
</tr>
<tr>
<td>b) Choose 1: PHI 2010 G(3) Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2100 G(3) Reasoning and Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>PHI 2630 G(3) Contemporary Ethical Issues</td>
<td>3</td>
</tr>
<tr>
<td>c) Choose 1: ARH 2000 Art Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>MUH 2018 The Evolution of Jazz</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2050 Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>ARH 2051 Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>HUM 2210 Western Humanities</td>
<td>3</td>
</tr>
<tr>
<td>* MUT 1111 Theory 1</td>
<td>3</td>
</tr>
<tr>
<td>**Must be proficient in music.</td>
<td></td>
</tr>
</tbody>
</table>

G(3) Courses in Part A and B will have 3,000 words of evaluated writing and must be completed with a grade of C or higher.

c) Choose 1: AMH 2020 U.S. History Since 1877 | 3 |
| CGS 2002 Crime in America | 3 |
| ECO 2013 Principles of Macroeconomics | 3 |
| POS 2041 Introduction to American Government | 3 |
| PSY 2012 Introduction to Psychology | 3 |
| SYG 2000 Introduction to Sociology | 3 |
| Part B: CD - Cultural Diversity. Subject different from Part A. Choose 1: | |
| AMH 2000 CD-Introduction to Anthropology | 3 |
| GEO 2420 CD-Cultural Geography | 3 |
| ANT 2303 CD-Kinship and Family | 3 |
| ASN 2003 CD-Introduction to Asia | 3 |
| ECP 2140 CD-Race/Gender in the American Economy | 3 |
| HIS 2311 CD-Women’s History | 3 |
| MMC 2701 CD-Communicating Across Cultures | 3 |
| POS 2932AA CD-Politics of the Middle East | 3 |
| POS 2932AB CD-Israel: Culture and Conflict | 3 |
| POS 2932AD CD-Irish American Politics and Culture | 3 |
| PUP 2312 CD-Race/Gender/Politics | 3 |
| REL 2300 CD-Comparative Religion | 3 |
| SYG 2013 CD-Sex, Race and Social Class | 3 |

<table>
<thead>
<tr>
<th>Natural Sciences:</th>
<th>6 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six credit hours of Laboratory Science in astronomy, biology, chemistry, geology or physics. This requirement may be fulfilled with two 3.0 hour lab sciences or a four hour lab science and a two hour lecture course.</td>
<td></td>
</tr>
<tr>
<td>Total:</td>
<td>36 Semester Hours</td>
</tr>
</tbody>
</table>

### Transfer Students with 60+ (Junior/Senior) Semester Hours **

Refer to Appendix C for a list of courses that will satisfy the Gordon Rule Composition and Mathematics requirements.

<table>
<thead>
<tr>
<th>Composition:</th>
<th>9 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition I plus any combination of two English Composition or Literature courses which must contain written work of at least 6,000 words. Grades of C or higher are required.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics:</th>
<th>6 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two courses at the college algebra level or higher. Only one course may be selected from Elementary Statistics or Symbolic Logic. Grades of C or higher are required.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Sciences:</th>
<th>6 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Any semester-length course selected from the following: anthropology, economics, geography, history, political science, psychology, or sociology.</td>
<td></td>
</tr>
<tr>
<td>b) A social science course from a different disciplinary area from that selected above and which has significant emphasis on cultural diversity in anthropology, economics, geography, history, political science, psychology or sociology.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Humanities:</th>
<th>9 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two courses chosen from history, philosophy or other humanities disciplines in which the student writes a total of 6,000 words. Grades of C or higher are required. Additional courses may come from art history, history, literature, non-applied music history, philosophy, religion, theatre, and other courses with HUM prefixes. No more than one course may be used from each discipline.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Natural Sciences:</th>
<th>6 Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six credit hours of laboratory science in astronomy, biology, chemistry, geology or physics. This requirement may be fulfilled with two 3.0 hour lab sciences or a four hour lab science and a two or three hour lecture course.</td>
<td></td>
</tr>
<tr>
<td>Total:</td>
<td>36 Semester Hours</td>
</tr>
</tbody>
</table>

**Approved upper division courses may be used to satisfy these requirements.

Florida SUS and Community College Associate in Arts (AA) degree graduates.

An Associate in Arts (AA) degree from a Florida public university or community college satisfies the general education requirements at UNF.

Total: 36 Semester Hours
College-Level Communications and Computation Skills (Gordon Rule) State Rule 6A-10.030, College-Level Communication and Computation Skills, known as the Gordon Rule, applies to students who enroll in a Florida postsecondary institution, college or university after October 1982. The rule requires students to complete 9 semester hours of English course work, 3 semester hours of freshman core and 3 semester hours of philosophy in which the student is required to demonstrate writing skills. These courses are defined as any semester-length course within the general study area of the humanities in which the student is required to produce written work of 3,000 or 6,000 words for an overall total of 24,000 words. In addition, students must complete six semester hours of mathematics course work at the level of college algebra or higher. Only one course may be selected from Elementary Statistics or Symbolic Logic. All courses must be completed with a grade of C or higher. Completion of the associate in arts degree at a state university or Florida public community college will satisfy this requirement. A list of University of North Florida courses which meet the Gordon Rule requirements is provided below.

### Communication Gordon Rule Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>AMH 3554</td>
<td>G(3) Law and Social Responsibility</td>
</tr>
<tr>
<td>AML 3031</td>
<td>G(3) Periods of Early American Literature</td>
</tr>
<tr>
<td>AML 3041</td>
<td>G(3) Periods of Later American Literature</td>
</tr>
<tr>
<td>AML 3102</td>
<td>G(3) American Fiction</td>
</tr>
<tr>
<td>AML 3621</td>
<td>G(3) Black American Literature</td>
</tr>
<tr>
<td>ENC 1101</td>
<td>G(6) College Writing</td>
</tr>
<tr>
<td>ENC 1102</td>
<td>G(6) The Informed Writer</td>
</tr>
<tr>
<td>ENC 3250</td>
<td>G(6) Professional Communications</td>
</tr>
<tr>
<td>ENC 3310</td>
<td>G(6) Writing Prose</td>
</tr>
<tr>
<td>ENG 3132</td>
<td>G(3) Studies in Film</td>
</tr>
<tr>
<td>ENG 3603</td>
<td>G(3) American Film</td>
</tr>
<tr>
<td>ENG 4505</td>
<td>G(3) International Film</td>
</tr>
<tr>
<td>ENL 3112</td>
<td>G(3) British Novel I</td>
</tr>
<tr>
<td>ENL 3132</td>
<td>G(3) British Novel II</td>
</tr>
<tr>
<td>ENL 3501</td>
<td>G(3) Periods of Early British Literature</td>
</tr>
<tr>
<td>ENL 3503</td>
<td>G(3) Periods of Later British Literature</td>
</tr>
<tr>
<td>EUH 1000</td>
<td>G(3) Freshman Core I</td>
</tr>
<tr>
<td>EUH 1001</td>
<td>G(3) Freshman Core II</td>
</tr>
<tr>
<td>HIS 3051</td>
<td>G(6) The Craft of the Historian</td>
</tr>
<tr>
<td>LIT 2100</td>
<td>G(3) Masterworks of World Literature</td>
</tr>
<tr>
<td>LIT 2110</td>
<td>G(6) Introduction to Literature</td>
</tr>
<tr>
<td>LIT 2310</td>
<td>G(3) Fantasy and Science Fiction</td>
</tr>
<tr>
<td>LIT 2930</td>
<td>G(3) Special Topics in Literature</td>
</tr>
<tr>
<td>LIT 2932</td>
<td>G(6) Themes and Types in Literature</td>
</tr>
<tr>
<td>LIT 3043</td>
<td>G(3) Modern Drama</td>
</tr>
<tr>
<td>LIT 3184</td>
<td>G(3) Introduction to Irish Literature and Culture</td>
</tr>
<tr>
<td>LIT 3193</td>
<td>G(3) Literature of the East</td>
</tr>
<tr>
<td>LIT 3304</td>
<td>G(3) Literature of Popular American Culture</td>
</tr>
<tr>
<td>LIT 3331</td>
<td>G(3) Children’s Literature</td>
</tr>
<tr>
<td>LIT 3333</td>
<td>G(3) Adolescent Literature</td>
</tr>
<tr>
<td>LIT 4935</td>
<td>G(3) Literary Themes</td>
</tr>
<tr>
<td>PHI 2010</td>
<td>G(3) Introduction to Philosophy</td>
</tr>
<tr>
<td>PHI 2100</td>
<td>G(3) Reasoning and Critical Thinking</td>
</tr>
<tr>
<td>PHI 2630</td>
<td>G(3) Contemporary Ethical Issues</td>
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</table>

### Computation (Math) Gordon Rule Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>MAC 1105</td>
<td>G(M) College Algebra</td>
</tr>
<tr>
<td>MAC 1147</td>
<td>G(M) Precalculus</td>
</tr>
<tr>
<td>MAC 2233</td>
<td>G(M) Calculus for Business</td>
</tr>
<tr>
<td>MAC 2311</td>
<td>G(M) Calculus I</td>
</tr>
<tr>
<td>MAC 2312</td>
<td>G(M) Calculus II</td>
</tr>
<tr>
<td>MAC 2313</td>
<td>G(M) Calculus III</td>
</tr>
<tr>
<td>MAP 2302</td>
<td>G(M) Ordinary Differential Equations</td>
</tr>
<tr>
<td>MAS 3105</td>
<td>G(M) Linear Algebra</td>
</tr>
<tr>
<td>MAS 3203</td>
<td>G(M) Number Theory</td>
</tr>
<tr>
<td>MGF 1106</td>
<td>G(M) Finite Mathematics</td>
</tr>
<tr>
<td>MGF 1107</td>
<td>G(M) Explorations in Mathematics</td>
</tr>
<tr>
<td>MHF 3404</td>
<td>G(M) History of Mathematics</td>
</tr>
<tr>
<td>MTG 3203</td>
<td>G(M) Geometry for Middle School Teachers</td>
</tr>
<tr>
<td>PHI 3130</td>
<td>G(M) Symbolic Logic</td>
</tr>
<tr>
<td>STA 2014</td>
<td>G(M) Elementary Statistics for Health and Social Sciences</td>
</tr>
<tr>
<td>STA 2023</td>
<td>G(M) Elementary Statistics for Business</td>
</tr>
<tr>
<td>STA 3163</td>
<td>G(M) Statistical Methods I</td>
</tr>
<tr>
<td>STA 3164</td>
<td>G(M) Statistical Methods II</td>
</tr>
</tbody>
</table>

Note: CLEP exams may not be used to satisfy Gordon Rule Writing. Only the subject exam in College Algebra or above may be used to satisfy Gordon Rule Math. Passing CLEP scores are determined by the UNF Office of Admissions. General CLEP exams will not satisfy either Gordon Rule Writing or Gordon Rule Math.
## Appendix D
Undergraduate Majors and Minors Listing

### Majors
The following undergraduate majors are available at UNF:

<table>
<thead>
<tr>
<th>College of Arts and Sciences</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>BA</td>
</tr>
<tr>
<td>Art — Art History Concentration</td>
<td>BA</td>
</tr>
<tr>
<td>Art — Ceramics and Sculpture Concentration</td>
<td>BA</td>
</tr>
<tr>
<td>Art — Painting and Drawing Concentration</td>
<td>BA</td>
</tr>
<tr>
<td>Biology</td>
<td>BS</td>
</tr>
<tr>
<td>Chemistry</td>
<td>BS</td>
</tr>
<tr>
<td>Communications — Advertising Track</td>
<td>BS</td>
</tr>
<tr>
<td>Communications — Broadcasting Track</td>
<td>BS</td>
</tr>
<tr>
<td>Communications — Journalism Track</td>
<td>BS</td>
</tr>
<tr>
<td>Communications — Public Relations Track</td>
<td>BS</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>BA</td>
</tr>
<tr>
<td>Economics</td>
<td>BA</td>
</tr>
<tr>
<td>English</td>
<td>BA</td>
</tr>
<tr>
<td>English — Drama Track</td>
<td>BA</td>
</tr>
<tr>
<td>Fine Arts — Ceramics and Sculpture Track</td>
<td>BFA</td>
</tr>
<tr>
<td>Fine Arts — Graphic Design Track</td>
<td>BFA</td>
</tr>
<tr>
<td>Fine Arts — Multi-Media Track</td>
<td>BFA</td>
</tr>
<tr>
<td>Fine Arts — Painting and Drawing Track</td>
<td>BFA</td>
</tr>
<tr>
<td>Fine Arts — Photography Track</td>
<td>BFA</td>
</tr>
<tr>
<td>General Music (Voice / Piano only)</td>
<td>BM</td>
</tr>
<tr>
<td>History</td>
<td>BA</td>
</tr>
<tr>
<td>Interdisciplinary Science</td>
<td>BS</td>
</tr>
<tr>
<td>International Studies</td>
<td>BA</td>
</tr>
<tr>
<td>Jazz Studies</td>
<td>BM</td>
</tr>
<tr>
<td>Liberal Studies</td>
<td>BA</td>
</tr>
<tr>
<td>Mathematics</td>
<td>BA</td>
</tr>
<tr>
<td>Mathematics (General)</td>
<td>BA</td>
</tr>
<tr>
<td>Music (Classical)</td>
<td>BA</td>
</tr>
<tr>
<td>Philosophy — General</td>
<td>BA</td>
</tr>
<tr>
<td>Philosophy — Advanced Studies</td>
<td>BA</td>
</tr>
<tr>
<td>Philosophy — Applied Ethics</td>
<td>BA</td>
</tr>
<tr>
<td>Philosophy — Historical and Comparative</td>
<td>BA</td>
</tr>
<tr>
<td>Philosophy — Legal, Political and Social Studies</td>
<td>BA</td>
</tr>
<tr>
<td>Philosophy — Literary and Cultural</td>
<td>BA</td>
</tr>
<tr>
<td>Physics</td>
<td>BS</td>
</tr>
<tr>
<td>Physics — Civil Engineering Track</td>
<td>BS</td>
</tr>
<tr>
<td>Physics — Electrical Engineering Track</td>
<td>BS</td>
</tr>
<tr>
<td>Physics — Mechanical Engineering Track</td>
<td>BS</td>
</tr>
<tr>
<td>Physics — Computing Emphasis Track</td>
<td>BS</td>
</tr>
<tr>
<td>Political Science</td>
<td>BA</td>
</tr>
<tr>
<td>Psychology</td>
<td>BA</td>
</tr>
<tr>
<td>Psychology (Clinical)</td>
<td>BA</td>
</tr>
<tr>
<td>Sociology</td>
<td>BA</td>
</tr>
<tr>
<td>Spanish</td>
<td>BA</td>
</tr>
<tr>
<td>Statistics</td>
<td>BS</td>
</tr>
<tr>
<td>Statistics (Clinical)</td>
<td>BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College of Computing Sciences and Engineering</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Construction</td>
<td>BS</td>
</tr>
<tr>
<td>Construction Management Track</td>
<td>BS</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>BS</td>
</tr>
<tr>
<td>Computer and Information Science</td>
<td>BS</td>
</tr>
<tr>
<td>Computer Science Track</td>
<td>BS</td>
</tr>
<tr>
<td>Information Science</td>
<td>BS</td>
</tr>
<tr>
<td>Information Systems</td>
<td>BS</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>BS</td>
</tr>
<tr>
<td>Computer Design</td>
<td>BS</td>
</tr>
<tr>
<td>System Design</td>
<td>BS</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>BS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College of Education and Human Services</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art Education (K - 12)</td>
<td>BAE</td>
</tr>
<tr>
<td>Elementary Education — K - 6, PreK - Primary</td>
<td>BAE</td>
</tr>
<tr>
<td>Middle School English and Social Science</td>
<td>BAE</td>
</tr>
<tr>
<td>Middle School Mathematics and Science</td>
<td>BAE</td>
</tr>
<tr>
<td>Mathematics Education (6 - 12)</td>
<td>BAE</td>
</tr>
<tr>
<td>Music Education (K - 12)</td>
<td>BAE</td>
</tr>
<tr>
<td>Physical Education — K - 12</td>
<td>BAE</td>
</tr>
<tr>
<td>Physical Education — Sport Leadership</td>
<td>BAE</td>
</tr>
<tr>
<td>Science Education — Biology Education</td>
<td>BAE</td>
</tr>
<tr>
<td>Science Education — Chemistry Education</td>
<td>BAE</td>
</tr>
<tr>
<td>Science Education — Physics Education</td>
<td>BAE</td>
</tr>
<tr>
<td>Secondary Education — English Education</td>
<td>BAE</td>
</tr>
<tr>
<td>Secondary Education — Social Science Education</td>
<td>BAE</td>
</tr>
<tr>
<td>Special Education — Deaf Studies</td>
<td>BAE</td>
</tr>
<tr>
<td>Special Education — Varying Exceptionalities</td>
<td>BAE</td>
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</table>

<table>
<thead>
<tr>
<th>College of Health</th>
<th>Major</th>
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<tbody>
<tr>
<td>Health Science</td>
<td>BSH</td>
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<tr>
<td>Athletic Training</td>
<td></td>
</tr>
<tr>
<td>Community Health</td>
<td></td>
</tr>
<tr>
<td>Health Administration</td>
<td></td>
</tr>
<tr>
<td>Health Care Leadership</td>
<td></td>
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<tr>
<td>Nutrition and Dietetics</td>
<td></td>
</tr>
<tr>
<td>Professional Health Studies</td>
<td></td>
</tr>
<tr>
<td>Nursing (Pre-licensure or RN-BSN)</td>
<td>BSN</td>
</tr>
</tbody>
</table>

### Minors
The following undergraduate minors are available at UNF:

<table>
<thead>
<tr>
<th>College of Arts and Sciences</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td>Applied Statistics</td>
<td></td>
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<tr>
<td>Art — History</td>
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<tr>
<td>Art — Photography</td>
<td></td>
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<tr>
<td>Art — Studio</td>
<td></td>
</tr>
<tr>
<td>Asian Studies</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
</tr>
<tr>
<td>Classical Civilization</td>
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</tr>
<tr>
<td>Communications</td>
<td></td>
</tr>
<tr>
<td>Criminal Justice</td>
<td></td>
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<td>Drama</td>
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<tr>
<td>Economics</td>
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<td>Environmental Studies</td>
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<tr>
<td>Film Studies</td>
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<tr>
<td>French</td>
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<tr>
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<td>History</td>
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<td>International Studies</td>
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<tr>
<td>Mathematics</td>
<td></td>
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<tr>
<td>Music - History</td>
<td></td>
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<tr>
<td>Philosophy</td>
<td></td>
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<tr>
<td>Philosophy — Culture &amp; Philosophy</td>
<td></td>
</tr>
<tr>
<td>Philosophy — Law &amp; Philosophy</td>
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</tr>
<tr>
<td>Physics</td>
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<tr>
<td>Political Science</td>
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<tr>
<td>Psychology</td>
<td></td>
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<tr>
<td>Psychology (Clinical)</td>
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<tr>
<td>Sociology</td>
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<td>Spanish</td>
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<tr>
<td>Statistics</td>
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<tr>
<td>Statistics (Clinical)</td>
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<thead>
<tr>
<th>Coggin College of Business</th>
<th>Major</th>
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<tbody>
<tr>
<td>Accounting</td>
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<tr>
<td>Economics</td>
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<tr>
<td>Finance</td>
<td>BBA</td>
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<tr>
<td>Financial Services</td>
<td>BBA</td>
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<tr>
<td>International Business</td>
<td>BBA</td>
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<tr>
<td>Management</td>
<td>BBA</td>
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<tr>
<td>Marketing</td>
<td>BBA</td>
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<tr>
<td>Transportation and Logistics</td>
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<table>
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<th>College of Computing Sciences and Engineering</th>
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<tbody>
<tr>
<td>Computer Science</td>
<td></td>
</tr>
<tr>
<td>Information Science</td>
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<tr>
<td>Computer Science for IS Majors</td>
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</tr>
<tr>
<td>Electrical Engineering</td>
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<th>College of Health</th>
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<tbody>
<tr>
<td>Health Science</td>
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</table>
### Cultural Diversity Requirement

The following courses will meet the cultural diversity requirement in the UNF general education program.

- **ANT 2000** Introduction to Anthropology
- **ANT 2930AA** Kinship and Family in Cross Cultural Perspectives
- **ASN 2003** Introduction to Asia
- **ECP 2140** Race and Gender in the American Economy
- **GEO 2420** Cultural Geography
- **MMC 2701** Communicating Across Cultures
- **POS 2932** Latin American Politics
- **POS 2932** Irish-American Politics and Culture
- **POS 2932AA** Politics of Mideast
- **POS 2932AB** Israel: Culture and Conflict
- **POS 2932AD** Israel-America Culture/Politics
- **PSY 2930AA** African American Family
- **PUP 2312** Race/Gender/Politics
- **REL 2300** Comparative Religion
- **SYG 2013** Sex, Race and Social Class

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMH 3444</td>
<td>Peoples of the American West</td>
</tr>
<tr>
<td>AMH 3530</td>
<td>The Peopling of America</td>
</tr>
<tr>
<td>AMH 3571</td>
<td>Introduction to African-American History</td>
</tr>
<tr>
<td>ANT 3212</td>
<td>People and Cultures of the World</td>
</tr>
<tr>
<td>ANT 3312</td>
<td>North American Indians</td>
</tr>
<tr>
<td>ASH 3223</td>
<td>Middle East</td>
</tr>
<tr>
<td>ASH 3400</td>
<td>20th Century Chinese Civilization</td>
</tr>
<tr>
<td>ASH 3440</td>
<td>Japanese Civilization</td>
</tr>
<tr>
<td>ASH 3448</td>
<td>Hiroshima</td>
</tr>
<tr>
<td>CCJ 4938AF</td>
<td>Race/Cultural Minorities</td>
</tr>
<tr>
<td>ECO 3701</td>
<td>Contemporary International Economic Issues</td>
</tr>
<tr>
<td>EUH 3932</td>
<td>Russian Thought and Culture</td>
</tr>
<tr>
<td>GEO 3553</td>
<td>Cultural Dimensions of Economic Geography</td>
</tr>
<tr>
<td>HIS 3932AJ</td>
<td>South Africa</td>
</tr>
<tr>
<td>HIS 3932BW</td>
<td>Gender Wars</td>
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<tr>
<td>LAH 3300</td>
<td>Modern Latin America</td>
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<tr>
<td>PSY 3941</td>
<td>Mentoring Youth in Urban Environment</td>
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<tr>
<td>REL 3012</td>
<td>Myths and Rituals</td>
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<tr>
<td>SOP 3742</td>
<td>Psychology of Women</td>
</tr>
<tr>
<td>SYD 3700</td>
<td>Racial and Cultural Minorities</td>
</tr>
<tr>
<td>SYD 3800</td>
<td>Gender and Society</td>
</tr>
</tbody>
</table>

* Freshman & sophomore students are restricted to enrollment in 2000-level courses.
Appendix F
State Foreign Language Requirement

Foreign Language Requirement By action of the Florida Legislature, undergraduate students who enter a state university in Florida are subject to a foreign language admission requirement. To satisfy the requirement, a student must present evidence of: 1) the completion of two years of sequential foreign language or American sign language study in high school, or 2) the completion of 8-10 semester hours of sequential foreign language or American sign language at the post-secondary level, or 3) proficiency through a satisfactory score on the MAPS test for Latin or CLEP foreign language examination.

Transfer students are exempt from this requirement if they received an associate in arts degree before September 1, 1989, from a Florida public community college or university or were enrolled before August 1, 1989, in an associate in arts degree program at a Florida community college and maintained continuous enrollment until admitted to the University. These students do not have to take a foreign language to be admitted to the University; neither do they have to take it prior to graduation unless the program major has a foreign language graduation requirement.

The University may admit applicants who do not meet the foreign language admissions requirement as exceptions. Students admitted as exceptions must complete 8-10 semester hours of foreign language study or 8 - 10 semester hours of American Sign Language or prove proficiency in a foreign language prior to admission to the upper-level.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOL 1950</td>
<td>Beginning Foreign Language Study Abroad</td>
<td>3 - 6 hours</td>
</tr>
<tr>
<td>FOL 2930</td>
<td>Beginning Foreign Language I</td>
<td>4 hours</td>
</tr>
<tr>
<td>FOL 2931</td>
<td>Beginning Foreign Language II</td>
<td>4 hours</td>
</tr>
<tr>
<td>FOL 2952</td>
<td>Intermediate Foreign Language Study Abroad</td>
<td>3 - 6 hours</td>
</tr>
<tr>
<td>** FOL 3930</td>
<td>Special Topics in Foreign Language</td>
<td>2 - 4 hours</td>
</tr>
<tr>
<td>FOL 3953</td>
<td>Advanced Foreign Language Study Abroad</td>
<td>3 - 6 hours</td>
</tr>
<tr>
<td>FRE 1120</td>
<td>Beginning French I</td>
<td>4 hours</td>
</tr>
<tr>
<td>FRE 1121</td>
<td>Beginning French II</td>
<td>4 hours</td>
</tr>
<tr>
<td>FRE 2240</td>
<td>Intermediate French I</td>
<td>3 hours</td>
</tr>
<tr>
<td>FRE 2241</td>
<td>Intermediate French II</td>
<td>3 hours</td>
</tr>
<tr>
<td>SPA 4620</td>
<td>American Sign Language I</td>
<td>3 hours</td>
</tr>
<tr>
<td>SPA 4620L</td>
<td>American Sign Language Laboratory I</td>
<td>1 hour</td>
</tr>
<tr>
<td>SPA 4623</td>
<td>American Sign Language II</td>
<td>3 hours</td>
</tr>
<tr>
<td>SPA 4623L</td>
<td>American Sign Language Laboratory II</td>
<td>1 hour</td>
</tr>
<tr>
<td>SPN 1120</td>
<td>Beginning Spanish I</td>
<td>4 hours</td>
</tr>
<tr>
<td>SPN 1121</td>
<td>Beginning Spanish II</td>
<td>4 hours</td>
</tr>
<tr>
<td>SPN 1133</td>
<td>Accelerated Beginning Spanish</td>
<td>6 hours</td>
</tr>
<tr>
<td>SPN 2200</td>
<td>Intermediate Spanish I</td>
<td>3 hours</td>
</tr>
<tr>
<td>SPN 2201</td>
<td>Intermediate Spanish II</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

**Excluding courses focused on literature or culture.**
Appendix G
Florida’s Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida’s Statewide Course Numbering System. This common numbering system is used by all public postsecondary institutions in Florida and by twenty-six participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the “SCNS taxonomy.” Descriptions of the content of courses are referred to as “course equivalency profiles.”

Example of Course Identifier

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Level Code (first digit)</th>
<th>Century Digit (second digit)</th>
<th>Decade Digit (third digit)</th>
<th>Unit Digit (fourth digit)</th>
<th>Lab Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYG</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>No laboratory component in this course</td>
</tr>
</tbody>
</table>

Sociology, General
Freshman Level at this institution
Entry-Level General Sociology
Survey Course
Social Problems

General Rule for Course Equivalencies Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 31 different postsecondary institutions. Each institution uses “SYG_010” to identify its social problems course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, “SYG” means “Sociology, General,” the century digit “0” represents “Entry-level General Sociology,” the decade digit “1” represents “Survey Course,” and the unit digit “0” represents “Social Problems.”

In science and other areas, a “C” or “L” after the course number is known as a lab indicator. The “C” represents a combined lecture and laboratory course that meets in the same place at the same time. The “L” represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully complete SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed which have not been designated as equivalent.
Course Prefix The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses State Board of Education Rule 6A-10.024(19), Florida Administrative Code, reads:

When a student transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the common course designation and numbering system, the receiving institution shall award credit for courses satisfactorily completed at the previous participating institutions when the courses are judged by the appropriate common course designation and numbering system faculty task forces to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The award of credit may be limited to courses that are entered in the course numbering system. Credits so awarded shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution:

A. Courses in the 900-999 series (e.g., ART 2905)
B. Internships, practica, clinical experiences, and study abroad courses
C. Performance or studio courses in Art, Dance, Theater, and Music
D. Skills courses in Criminal Justice
E. Graduate courses
F. Courses not offered by the receiving institution

College preparatory and vocational preparatory course may not be used to meet degree requirements and are not transferable.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the Office of the Registrar at UNF or to the Florida Department of Education, K-16 Articulation, 401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling telephone number (850) 488-6402 or SunCom 278-6402.
1. Policy Statement

It is the policy of the University of North Florida that each member of this community be allowed to work and study in an environment free from any form of sexual harassment as prohibited by state and federal statutes.

2. Definition of Sexual Harassment

A. For the purposes of this policy, 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 an individual’s employment, salary increase, position advancement, or other employment-related benefits; or

(2) Submission to such conduct or request is made either explicitly or implicitly a term or condition of an individual’s status in a course, program, or activity; or of academic achievement; or

(3) Submission to or rejection of such conduct or request by an individual is used as the basis for an employment or academic decision affecting such individuals; or

(4) Such conduct or request has the purpose or effect of unreasonably interfering with an individual’s work or academic performance or of creating an intimidating, hostile or offensive environment for work or learning.

B. In determining whether alleged conduct constitutes sexual harassment, the record as a whole will be considered, as well as the totality of the circumstances, such as the nature of the alleged conduct and the context in which the alleged conduct occurred.

3. Consensual Relationships

A. Definition: Consensual relationships that are of concern to the University are those amorous, romantic or sexual relationships in which both parties appear to have consented, but where there is a definite power differential between the two parties. These relationships may result in favoritism or perceptions of favoritism that adversely affect the learning or work environment.

B. Policy Statement: Consenting romantic and sexual relationships between instructor (meaning all who teach at the University - faculty members, academic staff instructional personnel, and graduate students with teaching or tutorial responsibilities) and student (meaning any person studying with the instructor); between supervisor (meaning any person in a position of authority over another - to hire and fire, to grant raises or oversee task performance) and employee (meaning any person working for the supervisor); and between employee and student (where there is an instructional or an employment relationship between them) may violate University policy and equal opportunity law and should therefore be avoided.

4. Educational Programs and Dissemination of Information

A. Education:

(1) Educational efforts are essential to the establishment of a campus environment that is free of sexual harassment. There are at least four (4) goals to be achieved through education: (1) ensuring that all potential victims, and alleged offenders are aware of their rights; (2) notifying individuals of conduct that is proscribed; (3) informing administrators, faculty, staff and students about the proper way to address complaints of violations of this policy; and (4) helping to educate the University community about the problems this policy addresses.

(2) The Office of Equal Opportunity Programs will develop a series of training sessions for persons who are likely to receive complaints that this policy has been violated, including, but not limited to, residence hall advisors, academic advisors, supervisors, and University and collegiate ombudspersons. Academic departments shall encourage all members, including graduate assistants and other instructional personnel to attend and participate in training sessions.

(3) The Office of Equal Opportunity Programs will develop a training seminar designed to inform those who violate this policy of the problems they create by their conduct. The course shall be mandated for those in violation and may be an element in the settlement of a complaint.

B. Preparation and Dissemination of Information

(1) The Office of Equal Opportunity Programs is charged with distributing copies of this policy to all current members of the University community. A copy of the Sexual Harassment Policy will be included in student orientation materials, the student handbook and in orientation materials provided to new employees at the time of hire.

(2) It shall be the responsibility of the Director of Human Resources to disseminate the Sexual Harassment Policy to all new employees of the University. After being furnished with a copy of this policy, each employee shall have the opportunity to discuss and ask questions, shall be apprised of possible discipline for any violation thereof, and shall sign a written statement to that effect which shall be placed in the employee’s permanent personnel file. In addition, copies of this policy will be made continuously available at appropriate campus centers and offices.
5. Responsibilities
A. 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 employees of third parties doing business with the University or on University premises and to campus visitors.

(1) Vendors. The Director of Purchasing is responsible for disseminating the Sexual Harassment Policy to vendors. Vendors will be apprised of the policy by the contract or purchase order.

(2) Contractors.
(a) Anyone affiliated with UNF who enters into contract with others not connected with the University is responsible for informing them of the Sexual Harassment Policy.
(b) Anyone not otherwise affiliated with UNF, who enters into contract with the University, is responsible for apprising others under his/her purview of the Sexual Harassment Policy. This would include but not be limited to consultants, sub-contractors and employees of said contractor.

B. Reporting: The University’s policy is to protect all members of the community. The responsibility for reporting incidents of sexual harassment must rest with all members of the University community. Any employee, staff or faculty member, or student who has knowledge of sexual harassment is strongly encouraged to report it to the Office of Equal Opportunity Programs. Faculty members may appropriately inform their departmental chair, program director, academic dean, vice president, or any other administrator with comparable supervisory authority over the individual whose conduct may be problematic. Members of the University community with supervisory responsibility who have knowledge of sexual harassment within the areas they oversee are required to report it to the Director of the Office of Equal Opportunity Programs and to seek advice on how to resolve the issue at the lowest level possible.

6. Disciplinary Actions
A. Any member of the University community who is found to have sexually harassed another member will be subject to disciplinary action up to and including dismissal or expulsion. The nature of the discipline shall be guided by the seriousness of the offense. Students against whom complaints of sexual harassment are brought will be referred to the Vice President for Student Affairs for appropriate judicial review in accordance with the Student Conduct Code after initial investigation by the Office of Equal Opportunity Programs.

B. Any member of the University community in a supervisory capacity who has knowledge by direct observation or by receipt of a complaint of sexual harassment involving any of those members he or she supervises, or over whomever he or she has managerial authority, and who does not take appropriate corrective action or report the matter directly to the Director of the Office of Equal Opportunity Programs shall be subject to discipline up to and including dismissal or expulsion. The nature of the discipline shall be guided by the seriousness of the offense.

C. Any vendor or nonemployee contractor who is found to have sexually harassed a member of the University community shall be subject to action, up to and including revocation of the contract. The nature of the sanctions imposed shall be guided by the seriousness of the offense.

D. Although the ability of the University to discipline a nonemployee or visitor harasser (e.g., library patron, or other guest) is limited by the degree of control, if any, the University has over the alleged harasser, any member of the University community who has been subjected to sexual harassment should file a complaint and be assured that action will be taken to the extent available (e.g., a visitor may be escorted off the premises).

7. Procedures for Filing a Complaint

Introduction: Personal interactions between involved parties may resolve many perceived instances of harassment. Whether or not such interactions take place is at the discretion of the individual who believes he/she is being or has been harassed. When such interactions, if undertaken, do not resolve an issue to the satisfaction of the person who believes he/she is being or has been harassed, the procedures outlined below are available. The Office of Equal Opportunity Programs is available to offer suggestions to a complainant on how to directly advise the alleged offender to cease the harassment, or with the permission of the complainant, talk directly to the alleged offender.

A. The President has delegated to the Director of the Office of Equal Opportunity Programs (hereinafter the “Director”) the authority and responsibility to receive, investigate and conciliate complaints of sexual harassment, and to make recommendations to the Vice President under whose administrative authority the alleged offender falls (hereinafter referred to as the appropriate Vice President).

B. Any member of the University community who believes that he/she is a victim of sexual harassment may seek guidance and counseling by requesting an interview with the Director. The complainant will be advised of the options available through University procedures, through the collective bargaining agreement, through the Florida Commission on Human Relations, through the federal Equal Employment Opportunity Commission, and any other avenues for relief that may currently exist. The Director will also provide the opportunity to resolve the complaint without invoking the formal investigatory procedures set forth below. Any discussions at this level will be handled with utmost discretion.

C. The specific role of the Director is to determine the position of each party, to ascertain in what respect and on what issues each party may be prepared to make an adjustment, and to assess the possibilities of resolving the matter amicably through mediation, conciliation, and persuasion. The Director shall attempt to effect a satisfactory settlement of the matter within thirty (30) business days of receipt of the complaint.

D. If the complaint cannot be resolved through the procedures set forth above, or if the complainant wishes to bypass these procedures, then a written complaint of sexual harassment
must be filed with the Director. Under the normal operation of this policy, no formal action, including investigation, may be undertaken unless and until a written complaint is filed; however, if the allegations presented are of such a serious or egregious nature so as to threaten the safety, health or welfare of a member of the University community or of the institution, the University is not limited in any way from initiating its own investigation and taking appropriate action, including disciplinary action, in the absence of a written complaint.

E. After receiving the signed written complaint, the Director shall:
(1) Review the complaint and determine if supplemental information is needed.
(2) Notify the alleged offender of the complaint, of the allegations contained therein and provide an opportunity for response thereto. At all points of the procedure, the complainant and the alleged offender shall be kept informed.
(3) Conduct a full and complete investigation of the complaint.
(4) File with the complainant and the alleged offender a written report detailing the findings of the investigation and a recommendation of appropriate action. If the Director determines that the complaint is without merit, the Director shall render a written decision dismissing the complaint. If the Director concludes that sexual harassment has occurred, the Director’s report and recommendation shall be submitted to the appropriate Vice President for disciplinary action.

F. If, after reviewing the Director’s report and recommendation, the appropriate Vice President determines that disciplinary action is warranted, the complainant and the alleged offender will be given written notice of the proposed disciplinary action and the reasons therefor. The written notice will also advise the alleged offender that he/she has the right to seek review of the findings of the Director pursuant to the procedures set forth below.

G. Any student who feels that he/she has been the victim of sexual harassment by an instructor is strongly encouraged to report the matter immediately to the Director. Depending upon the nature and circumstances of the complaint, the Director may agree to delay an investigation until the completion of the academic term during which the alleged harassment occurred. In these circumstances, the student shall sign a statement confirming his/her request for a delay in the investigation of the complaint for a specified period.

8. Procedures for Review
A. Either party (complainant or alleged offender) may seek review of the findings of the Director by filing a request for review with the Office of the Executive Assistant to the President within ten (10) business days of receipt of the Director’s written report. The request shall specify a preference for a direct review by the President or his designee, or review by a hearing panel. The request shall include a copy of the Director’s report which is the basis of the review. A panel shall hear the matter unless both parties agree to review by the President or designee. Grounds for review shall include: (1) insufficient evidence to support the decision of the Director; or (2) severity of sanction unreasonably disproportionate to offense; or (3) procedural irregularity that undermined a party’s ability to present a claim or defense.

B. If direct review by the President or designee is selected, the review process shall be completed by the President or a designee within twenty (20) business days of receipt of a request. The President or designee shall review the Director’s written report and documentary evidence submitted by the parties in support of their claims. Direct review by the President or designee shall not include the taking of live testimony. The decision of the President or designee shall be submitted in writing to the parties and shall be final in the internal complaint procedure.

C. Hearing Panel: For the purposes of implementing this Policy, the President shall appoint a five (5) member panel, pursuant to Article VI, Section 1 of the University of North Florida Constitution, to serve as the Hearing Panel to review decisions of the Director as provided herein. The Hearing Panel shall consist of male and female representation, and in the case of a student complaint, the panel shall include at least two (2) students. The President shall appoint one member to act as chair. All notices required herein to be filed with the Hearing Panel shall be deemed filed when submitted to the Office of the President.

D. Hearing Procedures.
(1) The party seeking review (hereinafter the “petitioner”) and the opposing party (hereinafter the “respondent”) shall be provided with at least ten (10) business days written notice of hearing and the respondent shall be provided with written notice of the charge(s) against him/her in sufficient detail to enable the preparation of a response to the complaint. The hearing shall be held no later than twenty (20) business days after notification.
(2) All hearings, deliberations and results of hearing under this policy will be tape recorded and confidentiality will be maintained to the extent permissible under University procedures and applicable federal and state law.
(3) The chair shall convene the committee, preside over the hearing, and draft the finding.
(4) All relevant and material evidence, oral or written, may be received. Hearsay evidence shall be accorded such weight as the circumstances warrant. A party is entitled to present his/her case by oral and documentary evidence, and to submit rebuttal evidence.
(5) A written catalog of evidence, and witnesses to be presented, shall be provided by each party to the Panel no less than five (5) business days prior to the scheduled hearing. Each party is entitled to inspect the other’s catalog of witnesses and evidence provided to the Panel.
(6) Findings of the Panel must be supported by competent substantial evidence of a reliable and probative character. This standard requires evidence of such probative value as reasonably prudent and responsible persons are accustomed to rely on when making decisions on important matters.
(7) Each party may be aided in the presentation of his/her case by a representative. The role of that person shall be to confer with a party at any point; however, the representative may not
question or cross-examine witnesses or address members of the Hearing Panel or take an active role in the hearing. The representative’s name and relationship must be filed, in writing, with the panel at least three (3) business days in advance of the hearing.

(8) Order of hearing: The order of proof at the hearing shall be the petitioner’s case, the case/defense of the respondent, and rebuttal, if any, by the petitioner.

(9) Evidentiary procedures:
(a) Both sides will have the opportunity to make a brief opening statement outlining their position in the order indicated in Section (D)(8). They will have the opportunity to present their evidence by calling witnesses and offering documents. The opposing side will have the opportunity to cross-examine each witness (including the opposing party). Members of the Panel shall have the right to question the parties and witnesses.
(b) Either party, or the Panel on its own behalf, may introduce the report of the Director into the record.
(c) Following the close of evidence, the parties shall have the opportunity to present a brief final argument, which shall be heard in the same order as the order of proof.
(10) The standard of proof will be that, based upon a preponderance of the evidence presented, it is reasonable to believe or reject the stated complaint.
(11) Based upon the evidence heard, the Panel shall discuss and deliberate at the hearing, outside of the presence of the parties. A decision will be based upon a majority vote of the Panel. A written decision will be entered within five (5) business days following the hearing. It shall be forwarded to the President or designee for final acceptance and action. The decision shall include the Panel’s findings of fact, conclusions and recommendation. A copy of the Panel’s decision shall also be forwarded to both parties involved in the complaint. Unless the President or designee issues a written decision to the contrary within ten (10) business days of the date of the decision, the Panel’s recommended decision will be deemed final.

E. Once the Panel’s decision becomes final, copies of the decision shall be forwarded to the appropriate party’s immediate supervisor, the appropriate Vice President, and the Director. The immediate supervisor of a party found to be in violation may provide a reasonable resolution to the complaint (e.g., that a student be allowed to change sections, that the employee report to a different supervisor) and may also recommend or take disciplinary action against him/her. Disciplinary action shall be taken in accordance with the rules and regulations affecting the status or class of the person affected and the terms of any applicable collective bargaining agreement.

F. If a finding of sexual harassment is made against an employee of the University, a record of the complete findings will be placed in the employee’s official evaluation file. If no finding of sexual harassment is made, the findings (or absence thereof) will not be placed in the employee’s official evaluation file, unless the employee requests, in writing, that the information be placed in the official evaluation file.

9. Time Limitation for Receipt of Complaints, Investigation, and Disposition; Election of Remedies
A. Any written complaint filed under this section must be filed with the Director within three hundred (300) calendar days after the alleged occurrence of the harassment incident.

B. The filing of a complaint under this policy shall not affect a complainant’s right to file a timely charge of discrimination pursuant to an appropriate federal or state statute, including the filing of a timely charge with the Florida Commission on Human Relations or the Equal Employment Opportunity Commission.

C. The doctrine of election of remedies shall apply to complaints filed pursuant to internal processes of the University. Should a complainant elect to pursue an alternative remedy available to him/her through the filing of a grievance pursuant to a bargaining agreement, the University’s Support Personnel System rules, the Student Conduct Code, or any other internal University process established to receive, investigate and conciliate complaints, the filing of any such grievance or complaint shall operate as a waiver of the complainant’s right to file a complaint and avail himself/herself of the procedures available under this policy, except that the Office of Equal Opportunity Programs shall conduct all initial investigations of sexual harassment, and will thereafter refer the matter to the appropriate authority.

10. Confidentiality and Protection of Parties
A. Confidentiality:
(1) Any allegation of sexual harassment brought to the attention of the Office of Equal Opportunity Programs will be promptly investigated in a confidential manner so as to protect the privacy of all persons involved. Confidentiality will be maintained to the extent practical and appropriate under the circumstances, and to the extent permitted by law.
(2) In the event the allegations are not substantiated, all reasonable steps will be taken to restore the reputation of the accused if it was damaged by any proceedings.
(3) All individuals involved in the review and disposition of a sexual harassment complaint shall respect and uphold its confidential nature.

B. False Charges: A complainant found to have been intentionally dishonest in making the allegations or to have made them maliciously is subject to University discipline, up to and including termination or expulsion. The nature of the discipline shall be guided by the seriousness of the offense.

C. Retaliation:
(1) Threats, other forms of intimidation, and retaliation against a complainant or any other party involved in implementing the University’s Sexual Harassment Policy are violations hereof, and may be grounds for disciplinary action.
(2) Complainants who feel that they have been retaliated against for exercising their rights under this Sexual Harassment Policy shall have the right to file a retaliation complaint with the Office of Equal Opportunity Programs.
(3) Retaliation complaints shall be handled in the same manner and utilizing the same procedures set forth in Section 7 above.
The Department of Police and Public Safety is located in the Police Building (41), on the campus of the University of North Florida. The Police Department provides continuous security and law enforcement for the University community. Twenty-four hour patrol and dispatch services are provided with access to municipal emergency services. University police officers are sworn law enforcement officers of the State of Florida. Territorial jurisdiction consists of any property or facility which is under the guidance, supervision, regulation, or control of the University of North Florida. Arrests may be made off campus when pursuit originates on campus.

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 and crime prevention programs including a women’s self defense program known as the Rape Aggression Defense System or R.A.D.

The Police Department has an excellent working relationship with all local law enforcement agencies assuring the delivery of professional police services. The Florida Department of Law Enforcement and other State agencies are available to assist upon request. Communication and coordination with all area law enforcement agencies are maintained on a 24-hour basis via computer networks, such as the Florida Crime Information Center and the National Crime Information Center.

Procedures to Report Criminal Acts or Emergencies on Campus All emergency situations involving a threat to life or property should be immediately reported to the University 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 “0” or “2800” from any telephone on campus except pay telephones. With a pay telephone dial 9-1-1 (no coin required).

Off-Campus Police Emergency Phone Number in Duval County Dial 9-1-1

Emergency Blue Light Phones are located throughout campus and are equipped with automatic location indicators. To use, merely press the red button on the phone.

Security of Campus Facilities/Residence Halls The University of North Florida is a public institution and, with the exception of residence halls, is open to the public during the day and evening hours when classes are in session. During the times that the University is officially closed, University buildings are generally locked and only faculty, staff, and some students with proper identification are admitted. Officers provide regular patrol of University buildings as well as parking lots. Individuals who interfere with the orderly functioning of University business may be escorted from campus grounds and subject to arrest.

The Department of Residence Life provides information for an effective residence hall security system program. Students are encouraged to adhere to this security program in order to enhance their personal safety and the safety of others. An effective residence hall security system program depends upon resident cooperation, staff supervision, and University Police assistance. Although the campus-wide security system makes every effort to increase campus security, the best security system is one in which every member of the community takes personal responsibility for self-protection and the protection of their property. Officers patrol the areas around the residence halls and are readily available to assist on a 24-hour basis.

The Physical Plant Division maintains University buildings and grounds with a concern for the safety and security of all persons and property. Regular inspections and prompt repairs ensure that appropriate safety and security levels are maintained. Police officers assist Physical Plant personnel, reporting potential safety and security hazards, conducting campus lighting surveys, and reporting outages.

Emergency Notification Service UNF has established an Emergency Notification Service to inform all members of the University community of serious crimes, such as murder, rape/sexual assault, robbery and aggravated assault, which occur on campus. This service is activated by the Police Department through the media of the University as soon as these incidents are reported.

Crime Prevention Responsibilities/Programs The Police Department 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. The Police Department, along with UNF’s Women’s Center, periodically sponsor a Rape Awareness and Prevention Program. 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 Student Handbook.)

The use of alcoholic beverages by members of the University community is subject to the Alcohol Beverage Laws of the State of Florida and UNF Alcohol Policy and Guidelines. Specifically, it is unlawful for any person to sell, give, serve, or permit to be served alcoholic beverages to a person under 21 years-of-age or to consume said beverages on licensed premises. It is also unlawful for any person to misrepresent or misstate his or her age or the age of any other person for the purpose of inducing any licensee or his agents or employees to sell, give, serve or deliver any alcoholic beverage to a person under 21 years-of-age. A violation of the preceding may be cause for disciplinary action and criminal prosecution.

**Weapons** Florida State Statute 790.06(12) and 790.115 forbids the carrying of firearms on a university campus. Firearms are NOT PERMITTED on 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. The Police Department also regularly disseminates information concerning the incidence of crime through on-campus media. The data is ultimately published by the FBI in the Uniform Crime Report. The following chart reflects the number of crimes reported for selected offenses as required by Federal law. Definitions of the selected offenses are available by contacting the Police Department. These definitions are also available on the internet at http://www.unf.edu/dept/upd

Other information about crime may be obtained from the Department of Police and Public Safety.

**Sexual Offender/Predator Information** A data base of sexual offenders/predators is maintained by the Florida Department of Law Enforcement (FDLE). The address is: FDLE, Sexual Offender/Predator Unit, PO Box 1489, Tallahassee, FL 32302-1489, phone: (toll free) 1-888- FL-PREDATOR (357-7332). You can access the sexual offender/predator data base at: http://www.fdle.state.fl.us/sexual_predators/
### Crimes Reported by UNF Police Department

**Reported in accordance with Uniform Crime Reporting Program and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act**

#### 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.**

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<tr>
<td>Housing/Residence Hall - Res</td>
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</table>

**For this year, 33 offenses were reported in the Burglary Category. Twenty-three (23) of these offenses should have been reported in the Larceny Category. The corrected total should be 10.**

### Number of Arrests/Referrals - Selected Offenses

**Liquor Law Violations:**

- **Arrest:**
  - 6
  - 7
  - 16
  - 26
  - 5
  - 11
  - 0
  - 0
  - 0
  - 0
  - 0
  - 0
  - 13
  - 42

- **Referral:**
  - 0
  - 29
  - 5
  - 14
  - 3
  - 21
  - 0
  - 0
  - 0
  - 0
  - 29
  - 19

**Drug Law Violations:**

- **Arrest:**
  - 4
  - 5
  - 16
  - 16
  - 7
  - 12
  - 0
  - 0
  - 0
  - 0
  - 0
  - 9
  - 32

- **Referral:**
  - 0
  - 9
  - 5
  - 10
  - 0
  - 0
  - 0
  - 0
  - 0
  - 0
  - 9
  - 19

**Weapons Law Violations:**

- **Arrest:**
  - 1
  - 0
  - 3
  - 0
  - 1
  - 0
  - 0
  - 0
  - 0
  - 0
  - 0
  - 0

- **Referral:**
  - 0
  - 4
  - 0
  - 0
  - 2
  - 0
  - 0
  - 0
  - 0
  - 0
  - 4
  - 0

*Typographical error, previously reported as 12 on this document.

**UCR data input error, reported as 31**
## Crimes Reported to University Officials or Other Law Enforcement Agencies

This chart includes offenses/incidents that were reported to local law enforcement (other than the University Police) and to any official of the University who has significant responsibilities for student and campus activities. **Incidents not reported to a law enforcement agency are not verified.** Some of these incident numbers could be duplicated and/or be a civil offense and not criminal in nature.

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### Number of Arrests/Referrals - Selected Offenses

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<tr>
<th>Liquor Law Violations:</th>
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**Appendix J**  
Advanced Placement Credit

Information subject to change

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<th>AP Course</th>
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<td>Art History</td>
<td>ARH 2000</td>
<td>3</td>
<td>3.0 hours Non-Applied Fine Art</td>
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<td>Art History</td>
<td>ARH 2050 &amp; ARH 2051</td>
<td>4, 5</td>
<td>3.0 hours Non-Applied Fine Art/prerequisite</td>
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<td>3.0 hours Non-Applied Fine Art/prerequisite</td>
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<tr>
<td>Studio Art: Drawing Portfolio</td>
<td>ART 1300C</td>
<td>3, 4, 5</td>
<td>3.0 hours Prerequisite/elective</td>
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<td>Studio Art: 2 Dimensional Design Portfolio</td>
<td>ART 1201C</td>
<td>3, 4, 5</td>
<td>3.0 hours Prerequisite/elective</td>
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<td>CGS x075</td>
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<td>Computer Science AB</td>
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<td>3.0 hours Literature GR Writing 6,000 words</td>
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<td>3</td>
<td>3.0 hours English GR Writing 6,000 words</td>
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<td>*Literature &amp; Composition</td>
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EUH 1000 4, 5 3.0 hours Core I GR Writing 3,000 words
EUH 1001 3.0 hours Core II GR Writing 3,000 words

World History
WOH 2022 3, 4, 5 3.0 hours Core II GR Writing 3,000 words

Calculus AB
MAC 2311 3, 4, 5 4.0 hours Gordon Rule Mathematics

Calculus BC
MAC 2311 3 4.0 hours Gordon Rule Mathematics

Calculus BC
MAC 2311 & MAC 2312 4, 5 8.0 hours Gordon Rule Mathematics

Statistics
STA 2014 3, 4, 5 3.0 hours Gordon Rule Mathematics

Music History
MUH xxxx 3, 4, 5 3.0 hours Non-Applied Fine Art

Music Theory
MUT 1001 3 composite 3.0 hours Elective

Music Theory
MUT 1111 3, 4, 5 if both aural and non-aural sub-scores are 3 or higher 3.0 hours Non-Applied Fine Art/Prerequisite

Biology
BSC 1005C 3, 4 4.0 hours Lab-Science

Biology
BSC 1010C & BSC 1011C 5 8.0 hours Lab-Science

Chemistry
CHM 1020C 3 4.0 hours Lab-Science

Chemistry
CHM 2045C 4 4.0 hours Lab-Science

Chemistry
CHM 2045C & CHM 2046C 5 8.0 hours Lab-Science

Environmental Science
ISC 1051 3, 4, 5 3.0 hours Non-Lab Science

Physics B
PHY 2053C or PHY 2053 & PHY 2053L 3 4.0 hours Lab-Science

Physics B
PHY 2053C or PHY 2053 & PHY 2053L and PHY 2054C or PHY 2054 & PHY 2054L 4, 5 8.0 hours Lab-Science

Physics C:
Electricity/Magnetism
PHY 2054C or PHY 2054 & PHY 2054L 3 4.0 hours Lab-Science

Physics C:
Electricity/Magnetism
PHY 2049C or PHY 2049 & PHY 2049L 4, 5 4.0 hours Lab-Science

Physics C:
Mechanics
PHY 2053C or PHY 2053 & PHY 2053L 3 4.0 hours Lab-Science

Physics C:
Mechanics
PHY 2048C or PHY 2048 & PHY 2048L 4, 5 4.0 hours Lab-Science

Government and Politics: Comparative
CPO 2002 3, 4, 5 3.0 hours Elective

Government and Politics: United States
POS 2041 3, 4, 5 3.0 hours Part A Social Science

Psychology
PSY 2012 3, 4, 5 3.0 hours Part A Social Science

* Students will not receive English credit for both exams. If a student passes both exams, one will reflect 6.0 hours free elective credit.

** Foreign language does not fulfill the UNF general education humanities requirement and will only serve to fulfill free elective credits for the student’s lower division program of study.
## Appendix K
### International Baccalaureate Credit — Higher Level

<table>
<thead>
<tr>
<th>IB Course</th>
<th>UNF Course without diploma</th>
<th>IB Score with diploma</th>
<th>UNF Credit Received</th>
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**University of North Florida**

UNF recognizes the International Baccalaureate and may award up to a maximum of 30 semester hours of credit. Completion of the total IB Program will enable students to enter UNF at the sophomore level. These charts can be used as a guide to determine the type and amount of credit you will receive at UNF. Please read the following statements:

- Students who have been awarded the IB Diploma shall be awarded up to thirty (30) semester credits in the subject areas in which they scored four (4) or above on IB Diploma program examinations.
- Students without the IB Diploma shall be awarded up to six (6) semester credits in the subject areas of each IB higher level examination on which they scored five (5) points or above.
- Students without the IB Diploma will not be awarded credit for Subsidiary Level exams regardless of the score on the IB test.
- UNF recognizes the fact that there may be additional IB courses not mentioned in this list. If you would like to receive credit for an IB course that is not listed, please see the Office of Admissions or your college Academic Advisor. The responsible academic department will need to review the course syllabus to determine the type of credit to be given.
### Alphabetical Course Listing

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**APPLICATION FOR ADMISSION**

Undergraduate Students

MAIL OR RETURN TO: Office of Admissions • 4567 St. Johns Bluff Road, South • Jacksonville, Florida 32224-2659

**COMPLETE EACH ITEM. Incomplete forms will not be processed. Type or print in black ink. ATTACH $20 CHECK OR MONEY ORDER.**

1. Name ____________________________ Jr., III, etc.
   - Last Name ____________________________
   - First Name ____________________________
   - Middle Name ____________________________

2. Date of Birth: ________________________
   - Month
   - Day
   - Year

3. For which term, in which year, do you now seek admission?
   - August, _____
   - January, _____
   - May, _____
   - June, _____

4. This application is for enrollment as: (Check box)
   - First time in college Freshman
   - Undergraduate Transfer
   - Second Bachelors Degree
   - Former Degree student returning (no application fee required)
   - One-term enrollment only for transfer credit (Transient)
   - Other: ____________________________

5. U.S. Social Security Number ____________________________

6. Nation of Citizenship: ____________________________

7. Gender
   - Male
   - Female

8. Race/Ethnicity (please check one)
   - White (Not of Hispanic origin)
   - Black (Not of Hispanic origin)
   - Asian or Pacific Islander
   - American Indian or Native Alaskan

9. Race/Ethnicity (please check one)
   - Male
   - Female

10. If English is not your native language, how many years have you spoken or studied English? ____________________________

11. If you would like the appropriate campus organization notified, enter your religious preference: ____________________________

12. In which academic division do you wish to enroll?
   - (e.g., the College or School within the university)
   - In which academic division do you wish to enroll?
   - (e.g., the College or School within the university)

13. In case of an emergency, indicate the person you request the university to contact:
   - Last Name ____________________________
   - First Name ____________________________
   - M. I. ____________________________

14. If you wish to request special admission consideration based on a disability, it is the intent of the University to consider this information within the following guidelines: (1) documentation regarding the disability is to be provided on a voluntary basis, (2) all information will be kept confidential, (3) refusal to provide information will not subject the applicant to adverse treatment, and (4) information will only be used in connection with the university's voluntary efforts to overcome the effects of conditions that may have resulted in limited participation of persons with disabilities. If you wish to request special admission consideration based on a disability, check here ☐.

15. High School Graduation Date: ________________________
   - Month / Year

16. An official transcript from each post-secondary school you have attended must be provided.

   You must list in chronological order EVERY post-secondary institution (including dual enrollment) you have attended or will attend prior to entering this university. (You must include schools even if you did not complete a term.) Include UNF if you attended previously. For multi-campus institutions, indicate the specific campus. Failure to list all institutions could result in your application being denied. Use a separate sheet if necessary.

<table>
<thead>
<tr>
<th>School (Please do not abbreviate)</th>
<th>City, State/Nation</th>
<th>Dates of Attendance</th>
<th>Degree and Date</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>From Mo, Yr To Mo, Yr</td>
<td>Earned or expected Type</td>
<td>Mo, Yr</td>
</tr>
</tbody>
</table>

17. For Non-US Citizens Only:

   - What VISA do you presently hold? F1 ☐ F2 ☐ J1 ☐ J2 ☐ None ☐ Other: ____________________________ I-94 Expiration Date: ________________________
   - What VISA are you applying for? F1 ☐ F2 ☐ J1 ☐ J2 ☐ None ☐ Other: ____________________________

   If a permanent immigrant, enter the alien registration number shown on your I-551 form: ____________________________

   You must provide a photocopy of your Alien Registration card, front and back.

Revised 6/2002
Complete each item. Incomplete forms will not be processed. Type or print in black ink.

To apply for admission, you must provide the following documents before the admission application deadline of the University. Applications for admission will not be processed more than one year in advance of the date for which entrance is sought. Contact the University for admission requirements and deadlines as well as other pertinent information necessary to complete this form. Attach your $20 check or money order (U.S. currency), made payable to the University of North Florida. This is a nonrefundable application fee. Your application will not be processed and may be returned if it is omitted. (Do not send cash.)

1. Application for Admission
This Application for Admisssion form must be accompanied by your $20 nonrefundable application fee (check or money order U.S. currency only). This form must be completed in full. Please note the following instructions.

☛ You must have a U.S. Social Security Number. This is your official student number. Contact your nearest U.S. Social Security Office to apply for a number, if necessary, before submitting this form. (International students are exempt from having to provide a U.S. Social Security Number only if ineligible to apply for one).

☛ The State University System of Florida operated a system of records prior to January 1, 1975, pursuant to regulations of the Florida Board of Education that required the use of Social Security Numbers. Therefore, each university may continue to require the disclosure of Social Security Numbers by applicants and students under the Federal Privacy Act of 1974. This information was and currently is received from you for the purpose of identification and verification of student records, including registration, financial aid, and academic records and of verification of your identity in connection with the provision of university services.

☛ Make sure your application is signed on page 3 and in the appropriate place on page 4.

☛ The Florida Residency Statement on page 3 must be completed and signed if you are claiming state residency.

☛ If you wish to request special admission consideration based on a disability, it is the intent of the University to consider this information within the following guidelines: (1) documentation regarding the disability is to be provided on a voluntary basis, (2) all information will be kept confidential, (3) refusal to provide information will not subject the applicant to adverse treatment and (4) information will only be used in connection with the university’s voluntary efforts to overcome the effects of conditions that may have resulted in limited participation of persons with disabilities.

2. Official Transcripts
The following transcripts must be sent to the Office of Admissions, 4567 St. Johns Bluff Road South, Jacksonville, FL 32224-2659. Ask that your current name and Social Security Number be added to the transcript if necessary. All transcripts and test scores become the sole property of the University.

☛ If you are a beginning freshman or transfer applicant with less than 60 semester hours of transferable academic credit, ask your high school to forward your official secondary school record.

☛ If you have attempted any education or training following high school (including dual enrollment), ask each institution to forward a transcript of your academic record. Transcripts must be mailed directly from the institution or forwarded electronically.

☛ If you completed high school by GED, you must provide an official copy of your test scores (as well as a partial high school transcript).

3. Admission Test Scores
It is your responsibility to make the necessary arrangements to take the appropriate tests. Contact your school counseling office.

☛ ACT or SAT scores are required if you are seeking admission as a freshman or transfer with less than 60 semester hours of transferable academic credit. Have the official test scores forwarded directly to the University by the testing agency.

☛ Education majors seeking formal admission to the State Approved Program of Teacher Education must submit ACT or SAT scores.

☛ Applicants whose native language is not English may be required to take the Test of English as a Foreign Language (TOEFL) and have their scores submitted by the Educational Testing Service.

4. S.U.S. Application Address
You may use this form to apply as an entering freshman or an undergraduate transfer to the University. The University enrolls students at the freshman, sophomore, junior, senior and graduate level. Address your application to the University of North Florida, Office of Admissions, 4567 St. Johns Bluff Road South, Jacksonville, FL 32224-2659.

Have you previously submitted an application to the University? ☐ No ☐ Yes Term __________________, Year __________

Have you ever attended this University? ☐ No ☐ Yes From: Term____________, Year ______ to: Term____________, Year ______

Please indicate your housing preference: ☐ on-campus (if available) ☐ off-campus

The University North of Florida encourages admission applications from qualified students regardless of color, race, religion, national origin, gender, disability or marital status.
INFORMATION FOR RESIDENCY CLASSIFICATION

A Florida “resident for tuition purposes” is a person who has, or a dependent person whose parent or legal guardian has, established and maintained legal residency in Florida for at least twelve months. Residence in Florida must be as a bonafide domicile rather than for the purpose of maintaining a residence incident to enrollment at an institution of higher education. To qualify as a Florida resident for tuition purposes, you must be a U.S. Citizen, permanent resident alien, or legal alien granted indefinite stay by the Immigration and Naturalization Service. Other persons not meeting the twelve-month legal residence requirement may be classified as Florida residents for tuition purposes only if they fall within one of the limited special categories authorized by the Florida Legislature and State Board of Education. All other persons are ineligible for classification as a Florida “resident for tuition purposes.” Living in or attending school in Florida will not, in itself, establish legal residence. Students who depend on out-of-state parents for support are presumed to be legal residents of the same state as their parents.

NON-FLORIDA RESIDENTS

I understand that I do not qualify as a Florida resident for tuition purposes for the term for which this application is submitted, and that if I should qualify for some future term, it will be necessary for me to file the required documentation prior to the beginning of the term in order to be considered for Florida residency classification.

FLORIDA RESIDENTS

ATTACH COPIES (IF ANY) OF DOCUMENTATION REQUIRED

- A notarized copy of your and/or your parents’ most recent tax return or other documentation may be requested to establish dependence/independence.
- Dependent: a person for whom 50% or more of his/her support is provided by another as defined by the Internal Revenue Service.
- Independent: a person who provides more than 50% of his/her own support.
- A copy of marriage certificate is required in all cases of spouse claiming partner’s residency.

Check box that applies:

- A. I am an independent person and have maintained legal residence in Florida for at least 12 months.
- B. I am a dependent person and my parent or legal guardian has maintained legal residence in Florida for at least 12 months. (Required: Copy of most recent tax return on which you were claimed as a dependent or other proof of dependency.)
- C. I am a dependent person who has resided for five years with an adult relative other than my parent or legal guardian, and my relative has maintained legal residence in Florida for at least 12 months. (Required: Copy of most recent tax return on which you were claimed as a dependent or other proof of dependency.)
- D. I am married to a person who has maintained legal residence in Florida for at least 12 months. I have now established legal residence and intend to make Florida my permanent home. (Required: Copy of Marriage certificate, claimant’s voter registration, driver license and vehicle registration.)
- E. I was previously enrolled at a Florida state institution and classified as a Florida resident for tuition purposes. I abandoned my Florida domicile less than 12 months ago and am now re-establishing Florida legal residence.
- F. According to the United States Immigration and Naturalization Service, I am a permanent resident alien or other legal alien granted indefinite stay and have maintained a domicile in Florida for at least twelve months. (Required: INS documentation and proof of Florida residency status.)
- G. I am a member of the armed services of the United States and I am stationed in Florida on active military duty pursuant to military orders, or whose home of record is Florida, or I am a member’s spouse or dependent child. (Required: Copy of military orders or DD2058 showing home of record.)
- H. I am a full-time instructional or administrative employee employed by a Florida public school, community college or institution of higher education, or I am the employee’s spouse or dependent child. (Required: Copy of employment verification.)
- I. I am part of the Latin American/Caribbean scholarship program. (Required: Copy of scholarship papers.)
- J. I am a qualified beneficiary under the terms of the Southern Regional Education Board’s Academic Common Market graduate student. (Required: Certification letter from State Coordinator.)
- K. I have been granted indefinite stay and have maintained a domicile in Florida for at least 12 months. (Required: INS documentation and proof of Florida residency status.)
- L. I am entitled to receive a Florida Prepaid College Program, S.240.551, F.S. (Required: Copy of card.)
- M. I have been granted indefinite stay and have maintained a domicile in Florida for at least 12 months. (Required: INS documentation and proof of Florida residency status.)
- N. I am a McKnight Fellowship recipient. (Required: Verification from graduate studies.)

Person claiming residency must complete this section in full.

- Documents supporting the establishment of legal residence must be dated, issued, or filed 12 months before the first day of classes of the term for which a Florida resident classification is sought. All documentation is subject to verification.
- Additional documentation other than what is required above may be requested in some cases.

Please print

1. Name of student: ____________________________ 2. Student Social Security number: ______/_____/_____
5. Claimant’s permanent legal address: ____________________________ 6. Claimant’s telephone number: (______)________________________

Street/P. O. Box: ____________________________ Apartment Number: ____________ City: ____________ State: ______ Zip Code: ____________

7. Date claimant began establishing legal Florida residence and domicile:

8. Claimant’s voter registration: State: ____________ Number: ____________ County: ____________ Issue date: ___/___/_____
9. Claimant’s driver license: State: ____________ Number: ____________ Issue date: ___/___/_____
10. Claimant’s vehicle registration: State: ____________ Tag Number: ____________ Issue date: ___/___/_____
11. Non-U.S. Citizen only: Resident Alien Number: ____________ Issue date: ___/___/_____

(Copy of both sides of card required.)

I do hereby swear or affirm that the above named student meets all requirements indicated in the checked category above for classification as a Florida resident for tuition purposes. I understand that a false statement in this affidavit will subject me to penalties for making a false statement pursuant to 837.06, Florida Statutes, and to Rules 6C-6.001 and 6C-7.005, F.A.C.

Signature of person claiming Florida residency (as listed in item #3 above) ____________________________ Date ____________________________

Revised 6/2002
18. Important: Complete the resume of your activities since leaving high school. List chronologically how you have spent or plan to spend your time prior to entering this university (employment, military service, etc.). Use a separate sheet if necessary.

<table>
<thead>
<tr>
<th>Activity</th>
<th>City, State/Nation</th>
<th>From Mo Yr</th>
<th>To Mo Yr</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

19. If you have taken or plan to take any of the tests below, enter the month and year. Official records of all test scores must be provided.

<table>
<thead>
<tr>
<th>Test</th>
<th>1st Time</th>
<th>2nd Time</th>
<th>3rd Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT</td>
<td>Mo Yr</td>
<td>Mo Yr</td>
<td>Mo Yr</td>
</tr>
<tr>
<td>SAT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOEFL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLAST</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

20. Application Essay (optional)

If you believe that it would be useful to provide the Office of Admissions with a more complete understanding of you as a person and as a student, you are welcome to include a brief essay with your application. This essay (no more than 500 words) can address life experiences, co-curricular involvement or other facets of your life that you regard as significant.

21. Present High School / College Enrollment

a. If you are currently enrolled in a high school, college or university, list all high school and college level courses which you are now taking or expect to complete before entering this university. Use separate sheet if necessary.

b. If you are not currently enrolled and do not expect to complete any courses, check here. ☐

<table>
<thead>
<tr>
<th>Courses for Which You Are Now Enrolled</th>
<th>Courses You Expect to Complete Before Entering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Institution:</td>
<td>Name of Institution:</td>
</tr>
<tr>
<td>Title of Course</td>
<td>Title of Course</td>
</tr>
<tr>
<td>Course #</td>
<td>Course #</td>
</tr>
<tr>
<td>Date Course Will End</td>
<td>Date Course Will End</td>
</tr>
<tr>
<td>(Mo Yr)</td>
<td>(Mo Yr)</td>
</tr>
<tr>
<td>Credit Hrs. (Sem/Qtr)</td>
<td>Credit Hrs. (Sem/Qtr)</td>
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</table>

22. Failure to answer this question will result in a delay in processing your application.

If your answer to any of the following is yes, you must submit a full statement of relevant facts on a separate sheet attached to this form. You may be required to furnish the university with copies of all official documentation explaining the final disposition of the proceedings.

a. ☐ Yes ☐ No. Are you currently or have you ever been charged with or subject to disciplinary action for scholastic or any other type of misconduct at any educational institution?

b. ☐ Yes ☐ No. Have you ever been charged with a violation of the law which resulted in probation, community service, a jail sentence, or the revocation or suspension of your driver’s license (including traffic violations which resulted in a fine of $200 or more)?

If your records have been expunged pursuant to applicable law, you are not required to answer yes to these questions. If you are unsure whether you should answer yes to 21a or 21b, we strongly suggest that you answer yes and fully disclose all incidents. By doing so, you can avoid any risk of disciplinary action or revocation of an offer of admission.

23. OPTIONAL INFORMATION:

a. Are you a Veteran?
   ☐ Yes ☐ No.

b. Check whether any of the following attended college:
   ☐ Yes ☐ No Mother ☐ Yes ☐ No Father
   ☐ Yes ☐ No Sister(s) ☐ Yes ☐ No Brother(s)
   ☐ Yes ☐ No Grandmother(s) ☐ Yes ☐ No Grandfather(s)

c. Name(s) of your immediate family who have attended this university:
   Name: Relationship:  
   _______________________________________________________
   _______________________________________________________
   _______________________________________________________

d. If you wish to request special admission consideration based on a disability, check here. ☐ (See page 2 for comments)

Important. You must read and sign the following section in order to complete your application to this university.

I understand that this application is for admission to the university and is valid only for the term indicated in item 3 on page 1. I also understand and agree that I will be bound by the university’s regulations concerning application deadline dates and admission requirements. I further agree to the release of any transcript, student record, and test scores to this institution (including any SAT-I, SAT-II, and ACT score reports that this institution may request from the College Board or ACT).

I certify that the information given in this application is complete and accurate, and I understand that to make false or fraudulent statements within this application or residence statement may result in disciplinary action, denial of admission and invalidation of credits or degrees earned. If admitted, I hereby agree to abide by the policies of the Florida Board of Education and the rules and regulations of the university. Should any of the information I have given change prior to my entry to the university, I shall immediately notify the Office of Admissions.

I understand that the $20 check or money order I submit with this application is a nonrefundable fee.