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Winter 2009

Undergraduate Student Catalog Winter 2009

Nova Southeastern University

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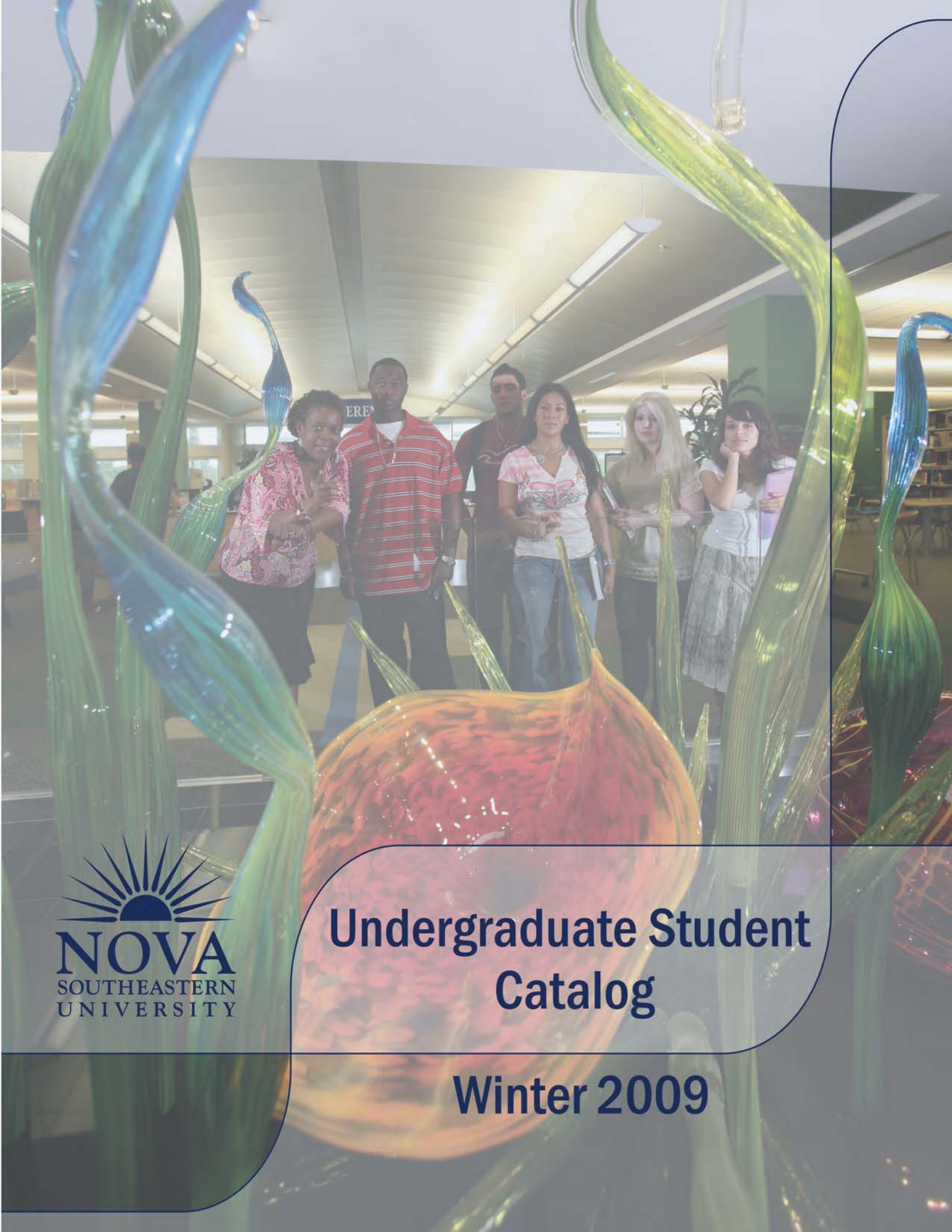

NOVA SOUTHEASTERN UNIVERSITY

Undergraduate Student Catalog

Winter 2009

Nova Southeastern University Undergraduate Student Catalog

Winter 2009

College of Allied Health and Nursing

Farquhar College of Arts and Sciences

Fischler School of Education and Human Services

H. Wayne Huizenga School of Business and Entrepreneurship

Nova Southeastern University Undergraduate Student Catalog

Winter 2009

College of Allied Health and Nursing

Farquhar College of Arts and Sciences

Fischler School of Education and Human Services

H. Wayne Huizenga School of Business and Entrepreneurship

The Nova Southeastern University Undergraduate Student Catalog is a resource for information about academic program and curriculum requirements, academic policies, procedures for resolving academic and administrative grievances, course descriptions, and other information relevant to an undergraduate career at Nova Southeastern University (NSU).

The NSU Undergraduate Student Catalog is published twice each year, in the fall and winter semesters. This catalog is comprised of information pertaining to undergraduate students of the College of Allied Health and Nursing; the Farquhar College of Arts and Sciences; the Fischler School of Education and Human Services; and the H. Wayne Huizenga School of Business and Entrepreneurship. Students are bound by policies published in the catalog in effect the semester they enter the university, unless an agreement is made with appropriate NSU administration officials allowing them to abide by policies published in a later catalog. Policies and requirements, including fees, are subject to change without notice at any time at the discretion of the NSU administration. NSU reserves the right to change curriculum, course structure, calendar, graduation requirements, and costs during the life of this publication. Students are also bound by the *NSU Student Handbook* and should be familiar with its contents.

The NSU Undergraduate Student Catalog is published by the Farquhar College of Arts and Sciences Office of Information Services (OIS). For questions and comments about the catalog, contact:

Office of Information Services
Nova Southeastern University
Farquhar College of Arts and Sciences
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8185
Fax: (954) 262-7085
Email: *ois@nsu.nova.edu*

Nondiscrimination Statement

Consistent with all federal and state laws, rules, regulations, and/or local ordinances (e.g. Title VII, Title VI, Title III, Title II, Rehab Act, ADA, Title IX), it is the policy of Nova Southeastern University not to engage in discrimination or harassment against any persons because of race, color, religion or creed, sex, pregnancy, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, political beliefs or affiliations, and to comply with all federal and state nondiscrimination, equal opportunity and affirmative action laws, orders, and regulations.

This nondiscrimination policy applies to admissions, enrollment, scholarships, loan programs, athletics, employment, and access to, participation in, and treatment in all university centers, programs, and activities. NSU admits students of any race, color, religion or creed, sex, pregnancy, national or ethnic origin, nondisqualifying disability, age, ancestry, marital status, sexual orientation, unfavorable discharge from the military, veteran status, political beliefs or affiliations, and activities generally accorded or made available to students at NSU and does not discriminate in the administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other school administered programs.

NSU Accreditations

Nova Southeastern University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone number: (404) 679-4501) to award associate's, bachelor's, master's, educational specialist, and doctoral degrees. Nova Southeastern University was first accredited by the Southern Association of Colleges and Schools (SACS) as Nova University in 1971.

The Bachelor of Health Science–Vascular Sonography Program is accredited by the Commission for the Accreditation of Allied Health Education Programs (CAAHEP), (1361 Park Street, Clearwater, Florida 33756, Telephone number: (727) 210-2350). CAAHEP is the largest programmatic accreditor in the health sciences field. In collaboration with its Committees on Accreditation, CAAHEP reviews and accredits nearly 2,000 educational programs in nineteen health science occupations. CAAHEP is recognized by the Council for Higher Education Accreditation (*www.chea.org*).

The NSU Bachelor of Science in Nursing Program is accredited as of April 8, 2006, for a period of 5 years by the Commission on Collegiate Nursing Education (CCNE), (One Dupont Circle, NW, Suite 530, Washington, D.C. 20036-1120, Telephone number: (202) 887-6791). The Nova Southeastern University Baccalaureate Nursing Program is also accredited by the National League for Nursing Accrediting Commission, Inc. (NLNAC), (61 Broadway, 33rd Floor, New York, New York 10006, Telephone number: 800-669-1656).

The Athletic Training Education Program (ATEP) in the Farquhar College of Arts and Sciences' Division of Math, Science, and Technology, is accredited from the Commission of Athletic Training Education (CAATE), (2201 Double Creek Drive, Suite 5006, Round Rock, Texas 78664, Telephone number: (512) 733-9700). The CAATE accredits athletic training programs upon the recommendation of the Commission's Joint Review Committee on Educational Programs in Athletic Training (JRC-AT). The JRC-AT provides peer review of the program's educational content based on educational standards adopted by national medical and allied health professional organizations.

The Bachelor of Science in Paralegal Studies Program in the Farquhar College of Arts and Sciences' Division of Social and Behavioral Sciences is approved by the American Bar Association, (321 North Clark Street, Chicago, IL 60610, Telephone number: 800-285-2221).

The NSU Bachelor of Science in Elementary Education, Exceptional Student Education, Prekindergarten/Primary Education, Secondary Education with a concentration in Biology, and Secondary Education with a concentration in Math Programs are state-approved, initial teacher preparation programs.

Bachelor's degree programs offered in a variety of fields of business and administration by the H. Wayne Huizenga School of Business and Entrepreneurship are accredited by the International Assembly for Collegiate Business Education (IACBE), (11403 Strang Line Road, Lenexa, Kansas 66215, Telephone number: (913) 631-3009).

NSU Memberships

Nova Southeastern University is a member of the following organizations:

American Association of Colleges for Teacher Education (AACTE)	*www.aacte.org*
American Association for Higher Education (AAHE)	*www.aahe.org*
American Council on Education (ACE)	*www.acenet.edu*
Association to Advance Collegiate Schools of Business	*www.aacsb.edu*
Association of American Colleges and Universities	*www.aacu-edu.org*
Association of Governing Boards of Universities and Colleges (AGB)	*www.agb.org*
Association of Independent Schools of Florida (AISF)	*www.aisfl.com*
Association for Institutional Research (AIR)	*www.airweb.org*
Coalition of Essential Schools (CES)	*www.essentialschools.org*
College Board (CB)	*www.collegeboard.com*
Commission for Independent Education	*www.firn.edu/doe/cie*
Conference of Southern Graduate Schools (CSGS)	*www.csgs.org*
Council of Graduate Schools (CGS)	*www.cgsnet.org*
Council of Independent Colleges (CIC)	*www.cic.edu*
Educational Records Bureau (ERB)	*www.erbtest.org*
Florida Association of Colleges and Universities (FACU)	*www.facuflorida.com*
Florida Association of Collegiate Registrars and Admissions Officers (FACRAO)	*www.facrao.org*
Florida Council of Independent Schools (FCIS)	*www.fcis.org*
Foundation for Independent Higher Education (FIHE)	*www.fihe.org*
Hispanic Association of Colleges and Universities (HACU)	*www.hacu.net*
Independent Colleges and Universities of Florida (ICUF)	*www.icuf.org*
NAFSA: Association of International Educators	*www.nafsa.org*
National Association of College and University Attorneys (NACUA)	*www.nacua.org*
National Association of College and University Business Officers (NACUBO)	*www.nacubo.org*
National Association of Independent Colleges and Universities (NAICU)	*www.naicu.edu*
National Association of Independent Schools (NAIS)	*www.nais.org*
National Association of Schools of Public Affairs and Administration (NASPAA)	*www.naspaa.org*
Society for College and University Planning (SCUP)	*www.scup.org*
Southeast Florida Career Consortium of Private Universities (SFCC)	*www.stu.edu/orgs/mainframe.html*
Southern Association of Colleges and Schools (SACS)	*www.sacs.org*
Southern Association of Colleges and University Business Officers (SACUBO)	*www.sacubo.org*
Southern Regional Education Board's Electronic Campus (SREC)	*www.electroniccampus.org*
University Continuing Education Association (UCES)	*www.ucea.edu*

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Winter 2009

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Letter from the President

As president of NSU, I welcome you to our family, whether you are a full-time student or a working professional joining us part-time or online from another part of the world. With the help of Nova Southeastern University, you will build the skills necessary to get ahead and stay ahead in your chosen field, while making a significant contribution to your community and society as a whole.

Nova Southeastern University is Florida's largest independent university, based on enrollment, and the sixth largest independent institution in the United States. In 1967, NSU served an entire student body of 17 from one building. Today, we have more than 26,000 students enrolled in 16 academic centers, with programs offered in virtually every state and many foreign countries. The university boasts approximately 86,000 alumni.

The NSU learning environment focuses on providing students with high quality educational opportunities—on campus or off. In our pursuit of excellence, the university holds to certain values, including collaboration, community service, diversity, educational access, entrepreneurship, innovation, and integrity. Each year we build on these values by incorporating new academic programs into our educational community while encouraging our colleges, schools, and centers to approach ideas and issues from a multidisciplinary perspective.

The College of Allied Health and Nursing, Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship share a commitment to providing undergraduate students with academic excellence. These colleges and schools offer a diverse spectrum of undergraduate majors representing the humanities, math, business, and nursing, as well as the social, physical, biological, and health sciences. In each of these programs, the practical, reality-based curriculum focuses on building strong critical thinking, communication, research, and clinical skills.

Our educational values are also supported by outstanding campus facilities, ensuring that students have access to state-of-the-art classrooms, laboratories, libraries, and health clinics. In 2006, the NSU University Center, a 260,000 square-foot recreation, athletic, performing arts complex in the center of main campus opened its doors. These facilities translate into an atmosphere of achievement where our students continue to find the education and preparation they need to compete in the dynamic, technology-intensive workplace.

Along with your membership to the NSU community comes many rights and responsibilities. This catalog outlines these rights and responsibilities, university policies and procedures, and university resources. We look forward to a lifelong partnership with you, our student.

Ray Ferrero, Jr., J.D.

Ray Ferrero, Jr., J.D.
President, Nova Southeastern University

NSU Mission Statement

Nova Southeastern University, a private, not-for-profit institution, offers quality academic programs at the undergraduate, graduate, and professional levels, complementing on-campus educational opportunities and resources with accessible distance learning programs, and fostering intellectual inquiry, leadership, and commitment to community through engagement of students and faculty in a dynamic, life-long learning environment.

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Overview of Undergraduate Studies at NSU

Undergraduate courses at NSU emphasize high-quality instruction, small class size, and personal attention from an accomplished faculty of noted researchers, published authors, journal editors, and consultants. In addition to close faculty-student relationships, the university provides resources outside the classroom to help NSU undergraduates achieve their academic goals.

All undergraduate students at NSU undertake comprehensive general education coursework within the realms of composition, mathematics, humanities, social and behavioral sciences, and biological and physical sciences. In addition to general education requirements, the Writing Across the Curriculum initiative requires that written assignments make up at least 25 percent of the final grade for each course.

Majors are offered in a variety of formats, including day, evening, online, or off-campus programs. Students should check the appropriate college or school section of this catalog for details about program formats, program requirements, major and minor descriptions, learning outcomes, and curricula. While students are housed within a specific NSU school or college based on their major, they may take classes or minor in subjects from any of the other undergraduate colleges.

Undergraduate degree programs at Nova Southeastern University are housed in four colleges/schools:

College of Allied Health and Nursing

The College of Allied Health and Nursing awards two undergraduate degrees: bachelor of health science (B.H.Sc.) and bachelor of science in nursing (B.S.N.).

The bachelor of health science degree offers two programs of study including the post-professional Bachelor of Health Science Online Degree Completion Program for graduates from associate degree, diploma or certificate programs in health care, such as military-trained health care technicians, radiology technicians, respiratory therapists, dental hygienists, ultrasound sonographers, etc. The online B.H.Sc. course of study is interdisciplinary and is designed to provide career and academic advancement for health care practitioners, as well as deliver a well-rounded generalist curriculum. This program is designed to be completed all online requiring no on-campus time, thus allowing the opportunity for numerous health care occupations to complete their undergraduate degree while continuing to work. The other B.H.Sc. program of study is an on-campus first professional entry-level program of study in Vascular Sonography. These programs of study are offered through NSU's Department of Health Science.

The Bachelor of Science in Nursing offers the following programs of study: an online R.N. to B.S.N., campus based R.N. to B.S.N. in Fort Lauderdale or in Naples/Fort Myers, and pre-licensure B.S.N. options are all available through NSU's Nursing Department.

Majors
B.H.Sc. Health Science—Online
B.H.Sc. Health Science—Vascular Sonography
B.S.N. Nursing

Farquhar College of Arts and Sciences

The Farquhar College of Arts and Sciences offers bachelor of arts and bachelor of science degrees in 22 majors organized in three divisions: the Division of Humanities; the Division of Math, Science, and Technology; and the Division of Social and Behavioral Sciences.

Majors
B.A. American Studies
B.S. Applied Professional Studies with a concentration in
  Biological and Physical Sciences
  Computer Engineering Technology

Computer Studies
Health Professions Studies
Information Technology
Pre-Optometry Studies
Psychology
Substance Abuse Studies

B.A. Art
B.S. Athletic Training
B.S. Biology (premedical)
B.A. Communication Studies
B.S. Computer Information Systems
B.S. Computer Science
B.S. Criminal Justice
B.A. Dance
B.A. English
B.S. Environmental Science/Studies
B.A. History
B.A. Humanities
B.A. International Studies
B.S. Legal Studies
B.S. Marine Biology
B.A. Music
B.S. Paralegal Studies
B.S. Psychology
B.A. Sociology
B.A. Theatre

Minors

Anthropology
Applied Statistics
Arts Administration
Bioinformatics
Chemistry
Computer Information Systems
Counseling
Criminal Justice
Dispute Management and Resolution
English
Family Studies
Film Studies
Folklore and Mythology
Forensic Psychology
Gender Studies
History
Humanities
Information Assurance/Security
Information Technology
International Law
International Studies
Irish Studies
Legal Studies
Marine Biology
Marine Ecology
Marine Microbiology
Mathematics
Media Studies
Medical Humanities

Paralegal Studies
Philosophy
Physics
Psychology
Public Health
Public Relations
Sociology
Spanish
Speech Communication
Substance Abuse Studies
Theatre
Writing

Fischler School of Education and Human Services

The Fischler School of Education and Human Services offers the associate of arts degree in one major.

Major
A.A. Early Childhood Education

The Fischler School of Education and Human Services offers the bachelor of science degree in seven majors.

Majors
B.S. Applied Professional Studies with a concentration in Teaching and Learning
B.S. Education with a concentration in Child Development
B.S. Elementary Education
B.S. Exceptional Student Education
B.S. Prekindergarten/Primary Education
B.S. Secondary Education with a concentration in Biology
B.S. Education with a concentration in Math

Minors
Education
Speech-Language Pathology

H. Wayne Huizenga School of Business and Entrepreneurship

The H. Wayne Huizenga School of Business and Entrepreneurship offers the bachelor of science degree in seven majors.

Majors
B.S. Accounting
B.S. Business Administration
B.S. Economics
B.S. Finance
B.S. Management
B.S. Marketing
B.S. Sport and Recreation Management

Minors
Accounting
Business (for non-business majors)
Economics
Entrepreneurship
Finance
Human Resource Management
International Business

Leadership
Management
Marketing
Sport and Recreation Management

Specializations for Medical Sciences Preparation

Health science specializations are intended for students who need to fulfill specific prerequisites for medical school and health profession graduate school programs. Specializations are available through the Farquhar College of Arts and Sciences. To earn specializations, students must achieve a C or higher in that specialization's coursework. Requirements may vary and specific graduate programs may require additional courses in writing, math, social and behavioral sciences, and the humanities. Students should consult with specific graduate schools to be sure they meet the schools' requirements.

Available Specializations
Pre-Med
Pre-Dental
Pre-Optometry
Pre-Pharmacy
Pre-Physical Therapy
Pre-Physician Assistant
Pre-Nursing

Certificate Programs

Certificate programs are offered by the Farquhar College of Arts and Sciences. Students enrolled in certificate programs are considered degree-seeking within their declared certification specialty and are eligible to apply for financial aid.

Available Certifications
Database Management Systems
Operating Systems
Paralegal Studies
Substance Abuse Studies
Web Programming and Design

Add-On Endorsements

Add-on endorsements are offered to students of the Fischler School of Education and Human Services. These programs are comprised of state-approved courses, which allow educators to supplement their certification with additional coverage.

Available Add-On Endorsements
Driver Education
English for Speakers of Other Languages (ESOL) K-12

Formats of Study

Students choose an educational format that best fits their schedule, lifestyle, and career and family responsibilities. These formats include on-campus day programs and programs oriented toward students who work. For information about formats of study available for a specific major, students should contact the individual college or school.

Professional and Liberal Studies (PALS) Program

The Professional and Liberal Studies (PALS) Program is a traditional on-campus day program geared toward recent high-school graduates that leads to either the bachelor of arts or bachelor of science in the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship. PALS students study and work in major fields that prepare them to enter careers or continue with graduate studies.

Career Development Program

The Career Development Program is designed for working and professional adults studying in the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, or H. Wayne Huizenga School of Business and Entrepreneurship. Courses are offered in the evenings and on weekends on campus and at institutional, industrial, and other off-campus locations. Many students enrolled in the Career Development Program are employed and have families. They are a diverse population of individuals, often with considerable practical experience and the desire to play an active role in their education.

Career Development Online Program

In certain fields of study, NSU allows students to earn a bachelor's degree, complete a minor, or receive a certification via the Internet, regardless of where they are located in the world. Classes use asynchronous delivery, which means coursework can be completed at any time, anywhere. There are no required meetings. However, each course is conducted with weekly assignments and due dates. In the online environment, students must be self-disciplined and motivated to succeed. Students who participate in online classes are supported through a variety of technologies and teaching methods: email, bulletin boards, chatrooms, electronic journals, and links to Web resources. Each student must obtain an NSU account to access email, course materials, and library resources, and complete an online orientation.

Career Development Off-Campus Programs

NSU operates off-campus Student Educational Centers in Jacksonville, Miami-Kendall, Orlando, SW Florida, Tampa, West Palm Beach, Las Vegas, the Bahamas, and Jamaica. These centers serve students at a distance from the main campus with microcomputer labs and video suites equipped with videoconferencing and audiovisual tools. In addition, the centers are staffed with full-time employees to help with registration, enrollment, IT issues, and financial aid. The Student Educational Centers create an on-campus atmosphere for students by offering chances to develop friendships and form study groups, while earning their degree in a convenient and accessible location.

Professional and Post-Professional Programs

Nova Southeastern University offers specialized professional and post-professional degrees in the fields of health science, nursing, and education. Depending on the program‘s admission requirements, students may need previous college credit or professional experience in order to matriculate into these majors. Professional and post-professional programs include students pursuing an associate of arts, bachelor of health science, bachelor of science in applied professional studies with a concentration in teaching and learning, bachelor of science in education with a concentration in child development, or bachelor of science in nursing degree. Students in these programs are not considered Professional and Liberal Studies (PALS) or Career Development students. Therefore, specific policies and criteria for these programs are outlined separately in the catalog when appropriate.

University History

Sustained growth and unity have made Nova Southeastern University (NSU) the largest independent university in the state of Florida. This growth accelerated in January 1994, when Nova University and Southeastern University of the Health Sciences merged to become Nova Southeastern University.

Nova University was chartered in 1964 as a graduate institution in the physical and social sciences. Over time, Nova added programs in law, education, business, psychology, computer science, oceanography, social and systemic studies, and hospitality, and, in 1972, introduced its first off-campus course of study, in education. Soon, Nova became nationally recognized for its innovative distance learning programs. Today, field-based programs are located in 32 other Florida cities, in nearly 30 other states, and at selected international sites.

While Nova continued to expand its educational reach, Southeastern University of the Health Sciences also took an expansion course. Southeastern was created by osteopathic physicians committed to establishing a College of Osteopathic Medicine in the Southeast. As a result, Southeastern College of Osteopathic Medicine, as it was first known, opened in 1981. From 1987 to 1997, Southeastern added Colleges of Pharmacy, Optometry, Allied Health, Medical Sciences, and the College of Dental Medicine, which admitted 88 students in 1997.

The merger of Nova University and Southeastern University of the Health Sciences brought on new possibilities. Prior to 1994, Nova had evolved with innovative technology and Southeastern expanded to provide much needed health care education. With the merger, Nova Southeastern University‘s resources make possible a more transdisciplinary education. Students have an opportunity to integrate across the disciplines and understand how their professions relate to society as a whole.

Campus Facilities

Nova Southeastern University maintains four campuses in the Miami-Fort Lauderdale area—the main campus, the East Campus, the North Miami Beach Campus, and the Oceanographic Center. The university also has student educational centers in the Bahamas, Jamaica, and Las Vegas, as well as in several Florida locations, including Miami, Jacksonville, Orlando, Tampa, SW Florida, and West Palm Beach. The university‘s main campus is located on a lush 300-acre site in Fort Lauderdale, 10 miles inland from the Atlantic Ocean and readily accessible via several highways and Florida‘s Turnpike. Main campus provides a central location for most of the university‘s 16 colleges and centers, with state-of-the-art classrooms, laboratories, patient simulation training rooms, auditoriums, and computer labs.

Students of the College of Allied Health and Nursing are housed in the Health Professions Division complex, located on 21 acres and encompassing more than 1 million square feet of buildings. The division also comprises the Colleges of Osteopathic Medicine, Pharmacy, Optometry, Medical Sciences, and Dental Medicine. The university library system also facilitates NSU‘s strong academic research environment. The Alvin Sherman Library, Research, and Information Technology Center, together with the Rose and Alfred Miniaci Performing Arts Center, serve both NSU‘s academic community and the residents of Broward County.

In recent years, NSU has benefited from campus expansion, with new educational facilities, athletic venues, residence halls, and performing arts theatres. In recent years, NSU has opened the Jim and Jan Moran Family Center Village, a role model for early education programs across the country, and the Carl DeSantis Building, home to the H. Wayne Huizenga School of Business and Entrepreneurship, the Graduate School of Computer and Information Sciences, and Fischler School of Education and Human Services.

In 2006, the university opened the NSU University Center, a 260,000 square-foot recreation, athletic, and arts complex in the center of main campus. The University Center is home to an athletic arena and sports venues, as well as classrooms, a cafeteria, conference and banquet rooms, and a performing arts wing housing a black box theatre, a music recital hall, rehearsal space, and additional facilities that support development of theatre, music, and other creative activities.

For a full overview of NSU campuses and facilities, refer to the NSU Factbook at *www.nova.edu/rpga/factbook*.

Academic Calendars

The following academic calendars are organized by college or school. The first section contains academic calendars, by major, of the College of Allied Health and Nursing. The subsequent section lists the academic calendars of the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship.

College of Allied Health and Nursing

Winter 2009

Activity	Date B.H.Sc.— Online Program	Date B.H.Sc.—Vascular Sonography Program	Date Nursing Department
WINTER 2009 (200930)	**Mon., Jan. 5, 2009– Fri., Mar. 27, 2009**	**Mon., Jan. 5, 2009– Fri., Apr. 24, 2009**	**Mon., Jan. 5, 2009– Fri., Apr. 24, 2009**
Registration	Fri., Dec. 5, 2008	Wed., Dec. 17, 2008	Contact program office.
New Student Orientation	Online at *www.nova.edu/webct*	N/A	Contact program office.
Winter (200930) Classes Begin	Mon., Jan. 5, 2009	Mon., Jan. 5, 2009	Mon., Jan. 5, 2009
Drop/Add Period		Students in the B.H.Sc.—Vascular Sonography Program cannot drop, add, or withdraw from a single class.	Students in a B.S.N. program cannot drop, add, or withdraw from a single class.
Last Day to Drop or Add a Class (100% refund)	Wed., Jan. 14, 2009		
Withdrawal Dates			
Last Day to Withdraw with 75% Refund	Mon., Jan. 19, 2009		
Last Day to Withdraw with 50% Refund	Sat., Jan. 24, 2009		
Martin Luther King Day (University Closed)	Mon., Jan. 19, 2009	Mon., Jan. 19, 2009	Mon., Jan. 19, 2009
End of First Eight Weeks	N/A	N/A	Fri., Feb. 27, 2009
Begin Second Eight Weeks	N/A	N/A	Mon., Mar. 2, 2009
Winter (200930) Classes End	Fri., Mar. 27, 2009	Fri., Apr. 24, 2009	Fri., Apr. 24, 2009
Spring Break	Mon., Apr. 6, 2009 – Fri., Apr. 10, 2009	Mon., Apr. 20, 2009 – Fri., Apr. 24, 2009	Mon., Apr. 6, 2009– Fri., Apr. 10, 2009
Good Friday (University Closed)	Fri., Apr. 10, 2009	Fri., Apr. 10, 2009	Fri., Apr. 10, 2009

College of Allied Health and Nursing

Spring 2009
B.H.Sc.—Online Program

Activity	Date B.H.Sc.—Online Program
SPRING 2009 (200940)	**Mon., Apr. 6, 2009– Fri., June 26, 2009**
Registration	Fri. Mar. 6, 2009
Spring (200940) Classes Begin	Mon., Apr. 6, 2009
Drop/Add Period	
Last Day to Drop or Add a Class (100% refund)	Wed., Apr. 15, 2009
Withdraw Dates	
Last Day to Withdraw with 75% Refund	Mon., Apr. 20, 2009
Last Day to Withdraw with 50% Refund	Sat., Apr. 25, 2009
Memorial Day (University Closed)	Mon., May 25, 2009
Term Break	Mon., June 22, 2009–Fri., June 26, 2009
Spring (200940) Classes End	Fri., June 26, 2009

Summer 2009
B.H.Sc.—Online Program

Activity	Date B.H.Sc.—Online Program
SUMMER 2009 (200910)	**Mon., July 6, 2009–Fri., Sept 25, 2009**
Registration	Contact program office.
Summer (200910) Classes Begin	Mon., July 6, 2009
Drop/Add Period	
Last Day to Drop or Add a Class (100% refund)	Wed., July 15, 2009
Withdrawal Dates	
Last Day to Withdraw with 75% Refund	Mon., July 20, 2009
Last Day to Withdraw with 50% Refund	Mon., July 20, 2009
Independence Day (University Closed)	Fri., July 3, and Sat., July 4, 2009
Summer (200910) Classes End	Fri., Sept. 25, 2009

College of Allied Health and Nursing

Summer 2009
B.H.Sc.—Vascular Sonography Program and Nursing Department

Activity	Date B.H.Sc.—Vascular Sonography Program	Date Nursing Department
SUMMER 2009 (200950)	**Wed., Apr. 29, 2009–Fri., Aug. 14, 2009**	**Mon., Apr. 27, 2009–Fri., Aug. 14, 2009**
Registration	Fri., Apr. 24, 2008	Contact program office.
Summer (200950) Classes Begin	Wed., Apr. 29, 2009	Mon., Apr. 27, 2009
Drop/Add Period	Students in the B.H.Sc.—Vascular Sonography Program cannot drop, add, or withdraw from a single class.	Students in a B.S.N. program cannot drop, add, or withdraw from a single class.
Last Day to Drop or Add a Class (100% refund)		
Withdrawal Dates		
Last Day to Withdraw with 75% Refund		
Last Day to Withdraw with 50% Refund		
Memorial Day (University Closed)	Mon., May 25, 2009	Mon., May 25, 2009
End of first eight weeks	N/A	Fri., June 19, 2009
Begin second eight weeks	N/A	Mon., June 22, 2009
Independence Day (University Closed)	Fri., July 3, and Sat., July 4, 2009	Fri., July 3, and Sat., July 4, 2009
Summer (200950) Classes End	Fri., Aug. 14, 2009	Fri., Aug. 14, 2009

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Winter 2009

Activity	Date
WINTER 2009 (200930)	**Mon., Jan. 5–Sat., May 2, 2009**
Registration	
Late Registration Begins ($100 Fee)	Fri., Dec. 26, 2008
New Students (attendance at Orientation required)	Mon., Nov. 3–Sun., Jan. 4, 2009
Honors and Online Students, and Continuing Athletes (via Academic Advisor)	Mon., Oct. 27–Sun., Jan. 4, 2009
Continuing Students (via Academic Advisor or Web)	Mon., Nov. 3–Sun., Jan. 4, 2009
Last Day to Pay Winter Tuition to Avoid Late fee ($50)	Tues., Feb. 3, 2009
University Student Services Fee ($250)	Fee for Winter assessed upon registration
Drop and Withdrawal Dates	
Winter Term I, Session I, and Semester	
Drop Prior to 1st Day of Term in Which the Class Begins (100% refund)	Sun., Jan. 4, 2009
Drop During the First 7 Days of Term (75% refund)	Mon., Jan. 5–Sun., Jan. 11, 2009
Last Day to Add Classes	Sun., Jan. 11, 2009
Drop During the 8th Through 14th Days of Term (50% refund)	Mon., Jan. 12–Sun., Jan. 18, 2009
Last Day to Withdraw (Term I and Session I Classes)(No refund)	Sun., Feb. 8, 2009
Last Day to Withdraw (Semester Classes)(No refund)	Sun., March 15, 2009
Winter Term II, Session II	
Drop Prior to 1st Day of Term in Which the Class Begins (100% refund)	Sun., March 8, 2009
Drop During the First 7 Days of Term (75% refund)	Mon., March 9–Sun., March 15, 2009
Last Day to Add Classes (Term II and Session II)	Sun., March 15, 2009
Drop During the 8th Through 14th Days of Term (50% refund)	Mon., March 16–Sun., March 22, 2009
Last Day to Withdraw (Term II and Session II Classes)(No refund)	Sun., April 12, 2009
Exams	
Winter Term I and Session I Class Dates	Mon., Jan. 5–Sat., Feb 21, 2009
Final Exam Dates	Mon., Feb. 23–Sat., Feb. 28, 2009
Winter Semester Class Dates	Mon., Jan. 5–Sat., April 25, 2009
Mid-Term Exam Dates	Mon., Feb. 23–Sat., Feb. 28, 2009
Final Exam Dates	Mon., April 27–Sat., May 2, 2009
Winter Term II and Session II Class Dates	Mon., March 9–Sat., April 25, 2009
Final Exam Dates	Mon., April 27–Sat., May 2, 2009

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Winter 2009

Activity	Date
WINTER 2009 (200930)	**Mon., Jan. 5–Saturaday, May 2, 2009**
University Holidays and Special Events	
Martin Luther King (University Closed)	Mon., Jan. 19, 2009
Spring Break (No Classes)	Mon., March 2–Sun., March 8, 2009
Good Friday (University Closed)	Fri., April 10, 2009
NSU Undergraduate Commencement	Sat., May 9, 2009
Registration for Fall 2009 (201020)	
New Students (attendance at Orientation required)	Begins Mon., March 23, 2009
Honors and Online Students, and Continuing Athletes (via Academic Advisor)	Begins Mon., March 16, 2009
Continuing Students (via Academic Advisor or Web)	Begins Mon., March 23, 2009

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Summer 2009

Activity	Date
SUMMER 2009 (200950)	**Mon., May 4–Sat., Aug. 1, 2009**
Registration	
Late Registration Begins ($100 Fee)	Fri., April 24, 2009
New Students (attendance at Orientation required)	Mon., March 23–Sun., May 3, 2009
Honors and Online Students, and Continuing Athletes (via Academic Advisor)	Mon., March 16–Sun., May 3, 2009
Continuing Students (via Academic Advisor or Web)	Mon., March 23–Sun., May 3, 2009
Last Day to Pay Summer Tuition to Avoid Late Fee ($50)	Tues., June 2, 2009
University Student Services Fee ($250)	Fee for Summer assessed upon registration
Drop and Withdrawal Dates	
Drop Prior to 1st Day of Term in Which the Class Begins (100% refund)	Sun., May 3, 2009
Drop During the First 7 Days of Term (75% refund)	Mon., May 4–Sun., May 10, 2009
Last Day to Add Classes	Sun., May 10, 2009
Drop During the 8th Through 14th Days of Term (50% refund)	Mon., May 11–Sun., May 17, 2009
Last Day to Withdraw (7-Week Classes)(No Refund)	Sun., June 7, 2009
Last Day to Withdraw (12-Week Classes)(No Refund)	Sun., June 21, 2009
Exams	
Summer 7-Week Classes	Mon., May 4–Sat., June 20, 2009
Final Exam Dates for **Night** Classes	Mon., June 22–Sat., June 27, 2009
Final Exam Dates for **Day** Classes	Wed., June 24–Sat., June 27, 2009
Summer 12-Week Classes	Mon., May 4–Sat., July 25, 2009
Final Exam Dates for **Night** Classes	Mon., July 27–Sat., Aug. 1, 2009
Final Exam Dates for **Day** Classes	Wed., July 29–Sat., Aug. 1, 2009
University Holidays and Special Events	
Memorial Day (University Closed)	Mon., May 25, 2009
Independence Day Observance (University Closed)	Fri., July 3, and Sat., July 4, 2009

Exam Schedules

The following exam schedules are for undergraduate students of the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship. The exam schedules for students of the College of Allied Health and Nursing vary by major. For more information, students are encouraged to contact their academic advisor.

Winter 2009 Exam Schedule

First Term and Mid Term

Exam Days : Monday, February 23–Saturday, February 28, 2009		
Class Meeting Day/Time	**Exam Meeting Date**	**Exam Meeting Time**
Monday 8:00/8:10 a.m.	Wed., Feb. 25, 2009	8:00–10:00 a.m.
Monday 9:00 a.m.	Mon., Feb. 23, 2009	10:30 a.m.–12:30 p.m.
Monday 10:00a.m.	Wed., Feb. 25, 2009	10:30 a.m.–12:30 p.m.
Monday 11:00 a.m.	Fri., Feb. 27, 2009	10:30 a.m.–12:30 p.m.
Monday 12:00 p.m.	Mon., Feb. 23, 2009	1:00–3:00 p.m.
Monday 1:00 p.m.	Wed., Feb. 25, 2009	1:00–3:00 p.m.
Monday 2:00 p.m.	Fri., Feb. 27, 2009	1:00–3:00 p.m.
Monday 3:00 p.m.	Mon., Feb. 23, 2009	3:30–5:30 p.m.
Monday 4:00 p.m.	Wed., Feb. 25, 2009	3:30–5:30 p.m.
Monday 5:00 p.m.	Fri., Feb. 27, 2009	3:30–5:30 p.m.
Monday 6:00 p.m.	Mon., Feb. 23, 2009	6:00–8:00 p.m.
Monday 8:00 p.m.	Mon., Feb. 23, 2009	8:15–10:15 p.m.
Tuesday 7:55/8:00 a.m.	Thurs., Feb. 26, 2009	8:00–10:00 a.m.
Tuesday 9:20 a.m.	Tues., Feb. 24, 2009	10:30 a.m.–12:30 p.m.
Tuesday 10:45 p.m.	Thurs., Feb. 26, 2009	10:30 a.m.–12:30 p.m.
Tuesday 1:00 p.m.	Tues., Feb. 24, 2009	1:00–3:00 p.m.
Tuesday 2:25 p.m.	Thurs., Feb. 26, 2009	1:00–3:00 p.m.
Tuesday 3:50 p.m.	Tues., Feb. 24, 2009	3:30–5:30 p.m.
Tuesday 6:00 p.m.	Tues., Feb. 24, 2009	6:00–8:00 p.m.
Tuesday 8:00 p.m.	Tues., Feb. 24, 2009	8:15–10:15 p.m.
Wednesday 6:00 p.m.	Wed., Feb. 25, 2009	6:00–8:00 p.m.
Wednesday 8:00 p.m.	Wed., Feb. 25, 2009	8:15–10:15 p.m.
Thursday 6:00 p.m.	Thurs., Feb. 26, 2009	6:00–8:00 p.m.
Thursday 8:00 p.m.	Thurs., Feb. 26, 2009	8:15–10:15 p.m.
Friday 6:00 p.m.	Fri., Feb. 27, 2009	6:00–8:00 p.m.
Friday 8:00 p.m.	Fri., Feb. 27, 2009	8:15–10:15 p.m.
Saturday a.m.	Sat., Feb. 28, 2009	10:30 a.m.–12:30 p.m.
Saturday p.m.	Sat., Feb. 28, 2009	1:00–3:00 p.m.
Conflict	Mon., Feb. 23, 2009	8:00–10:00 a.m.
Conflict	Fri., Feb. 27, 2009	8:00–10:00 a.m.
Conflict	Sat., Feb. 28, 2009	8:00–10:00 a.m.
Conflict	Sat., Feb. 28, 2009	3:30–5:30 p.m.
Conflict	Tues., Feb. 24, 2009	8:00–10:00 a.m.
Conflict	Thurs., Feb. 26, 2009	3:30–5:30 p.m.

Second Term and Semester Finals

Exam Days : Monday, April 27–Saturday, May 2, 2009		
Class Meeting Day/Time	**Exam Meeting Date**	**Exam Meeting Time**
Monday 8:00/8:10 a.m.	Wed., Apr. 29, 2009	8:00–10:00 a.m.
Monday 9:00 a.m.	Mon., Apr. 27, 2009	10:30 a.m.–12:30 p.m.
Monday 10:00a.m.	Wed., Apr. 29, 2009	10:30 a.m.–12:30 p.m.
Monday 11:00 a.m.	Fri., May 1, 2009	10:30 a.m.–12:30 p.m.
Monday 12:00 p.m.	Mon., Apr. 27, 2009	1:00–3:00 p.m.
Monday 1:00 p.m.	Wed., Apr. 29, 2009	1:00–3:00 p.m.
Monday 2:00 p.m.	Fri., May 1, 2009	1:00–3:00 p.m.
Monday 3:00 p.m.	Mon., Apr. 27, 2009	3:30–5:30 p.m.
Monday 4:00 p.m.	Wed., Apr. 29, 2009	3:30–5:30 p.m.
Monday 5:00 p.m.	Fri., May 1, 2009	3:30–5:30 p.m.
Monday 6:00 p.m.	Mon., Apr. 27, 2009	6:00–8:00 p.m.
Monday 8:00 p.m.	Mon., Apr. 27, 2009	8:15–10:15 p.m.
Tuesday 7:55/8:00 a.m.	Thurs., Apr. 30, 2009	8:00–10:00 a.m.
Tuesday 9:20 a.m.	Tues., Apr. 28, 2009	10:30 a.m.–12:30 p.m.
Tuesday 10:45 p.m.	Thurs., Apr. 30, 2009	10:30 a.m.–12:30 p.m.
Tuesday 1:00 p.m.	Tues., Apr. 28, 2009	1:00–3:00 p.m.
Tuesday 2:25 p.m.	Thurs., Apr. 30, 2009	1:00–3:00 p.m.
Tuesday 3:50 p.m.	Tues., Apr. 28, 2009	3:30–5:30 p.m.
Tuesday 6:00 p.m.	Tues., Apr. 28, 2009	6:00–8:00 p.m.
Tuesday 8:00 p.m.	Tues., Apr. 28, 2009	8:15–10:15 p.m.
Wednesday 6:00 p.m.	Wed., Apr. 29, 2009	6:00–8:00 p.m.
Wednesday 8:00 p.m.	Wed., Apr. 29, 2009	8:15–10:15 p.m.
Thursday 6:00 p.m.	Thurs., Apr. 30, 2009	6:00–8:00 p.m.
Thursday 8:00 p.m.	Thurs., Apr. 30, 2009	8:15–10:15 p.m.
Friday 6:00 p.m.	Fri., May 1, 2009	6:00–8:00 p.m.
Friday 8:00 p.m.	Fri., May 1, 2009	8:15–10:15 p.m.
Saturday a.m.	Sat., May 2, 2009	10:30 a.m.–12:30 p.m.
Saturday p.m.	Sat., May 2, 2009	1:00–3:00 p.m.
Conflict	Mon., Apr. 27, 2009	8:00–10:00 a.m.
Conflict	Fri., May 1, 2009	8:00–10:00 a.m.
Conflict	Sat., May 2, 2009	8:00–10:00 a.m.
Conflict	Sat., May 2, 2009	3:30–5:30 p.m.
Conflict	Tues., Apr. 28, 2009	8:00–10:00 a.m.
Conflict	Thurs., Apr. 30, 2009	3:30–5:30 p.m.

Summer 2009 Exam Schedule

First Term and Mid Term

Exam Days : Monday, June 22–Saturday, June 27, 2009		
Class Meeting Day/Time	**Exam Meeting Date**	**Exam Meeting Time**
Monday 8:00/8:10 a.m.	Wed., June 24, 2009	8:00–10:00 a.m.
Monday 9:15 a.m.	Fri., June 26, 2009	8:00–10:00 a.m.
Monday 10:00 / 10:30 a.m.	Wed., June 24, 2009	10:30–12:30 p.m.
Monday 12:00/1:00 p.m.	Fri., June 26, 2009	10:30–12:30 p.m.
Monday 2:00 / 2:15 p.m.	Wed., June 22, 2009	1:00–3:00 p.m.
Monday 3:30 / 4:00 p.m.	Fri., June 26, 2009	3:30–5:30 p.m.
Monday 6:00 p.m.	Mon., June 22, 2009	6:00–8:00 p.m.
Monday 8:00 p.m.	Mon., June 22, 2009	8:15–10:15 p.m.
Tuesday 8:00 a.m.	Thurs., June 25, 2009	8:00–10:00 a.m.
Tuesday 9:20 / 10:45 a.m.	Thurs., June 25, 2009	10:30–12:30 p.m.
Tuesday 1:00 p.m.	Thurs., June 25, 2009	1:00–3:00 p.m.
Tuesday 2:25 / 2:45p.m.	Thurs., June 25, 2009	3:30–5:30 p.m.
Tuesday 6:00 p.m.	Tues., June 23, 2009	6:00–8:00 p.m.
Tuesday 8:00 p.m.	Tues., June 23, 2009	8:15–10:15 p.m.
Wednesday 6:00 p.m.	Wed., June 24, 2009	6:00–8:00 p.m.
Wednesday 8:00 p.m.	Wed., June 24, 2009	8:15–10:15 p.m.
Thursday 6:00 p.m.	Thurs., June 25, 2009	6:00–8:00 p.m.
Thursday 8:00 p.m.	Thurs., June 25, 2009	8:15–10:15 p.m.
Friday 6:00 p.m.	Fri., June 26, 2009	6:00–8:00 p.m.
Friday 8:00 p.m.	Fri., June 26, 2009	8:15–10:15 p.m.
Saturday a.m.	Sat., June 27, 2009	10:30- 12:30 a.m.
Saturday p.m.	Sat., June 27, 2009	1:00–3:00 p.m.
Conflict	Sat., June 27, 2009	8:00–10:00 a.m.
Conflict	Sat., June 27, 2009	3:30–5:30 p.m.
Conflict	Wed., June 24, 2009	3:30–5:30 p.m.
Conflict	Fri., June 26, 2009	1:00–3:00 p.m.

12-Week Semester Finals

Exam Days : Monday, July 27–Saturday, August 1, 2009		
Class Meeting Day/Time	**Exam Meeting Date**	**Exam Meeting Time**
Monday 8:00 a.m.	Wed., July 29, 2009	8:00–10:00 a.m.
Monday 9:15 a.m.	Fri., July 31, 2009	8:00-–-10:00 a.m.
Monday 10:30a.m.	Wed., July 29, 2009	10:30–12:30 p.m.
Monday 1:00 p.m.	Fri., July 31, 2009	10:30–12:30 p.m.
Monday 2:15 a.m.	Wed., July 29, 2009	1:00–3:00 p.m.
Monday 3:30 p.m.	Fri., July 31, 2009	3:30–5:30 p.m.
Monday 6:00 p.m.	Mon., July 27, 2009	6:00–8:00 p.m.
Monday 8:00 p.m.	Mon., July 27, 2009	8:15–10:15 p.m.
Tuesday 8:00 a.m.	Thurs., July 30, 2009	8:00–10:00 a.m.
Tuesday 10:45 a.m.	Thurs., July 30, 2009	10:30–12:30 p.m.
Tuesday 1:00 p.m.	Thurs., July 30, 2009	1:00–3:00 p.m.
Tuesday 2:45p.m.	Thurs., July 30, 2009	3:30–5:30 p.m.
Tuesday 6:00 p.m.	Tues., July 28, 2009	6:00–8:00 p.m.
Tuesday 8:00 p.m.	Tues., July 28, 2009	8:15–10:15 p.m.
Wednesday 6:00 p.m.	Wed., July 29, 2009	6:00–8:00 p.m.
Wednesday 8:00 p.m.	Wed., July 29, 2009	8:15–10:15 p.m.
Thursday 6:00 p.m.	Thurs., July 30, 2009	6:00–8:00 p.m.
Thursday 8:00 p.m.	Thurs., July 30, 2009	8:15–10:15 p.m.
Friday 6:00 p.m.	Fri., July 31, 2009	6:00–8:00 p.m.
Friday 8:00 p.m.	Fri., July 31, 2009	8:15–10:15 p.m.
Saturday a.m.	Sat., Aug. 1, 2009	10:30- 12:30 a.m.
Saturday p.m.	Sat., Aug. 1, 2009	1:00–3:00 p.m.
Conflict	Sat., Aug. 1, 2009	8:00–10:00 a.m.
Conflict	Sat., Aug. 1, 2009	3:30–5:30 p.m.
Conflict	Wed., July 29, 2009	3:30–5:30 p.m.
Conflict	Fri., July 31, 2009	1:00–3:00 p.m.

Undergraduate Correspondence Directory

College of Allied Health and Nursing

Office of the Dean
Richard E. Davis, Ed. D., Dean
College of Allied Health and Nursing
Health Professions Division
Nova Southeastern University
3200 S. University Drive
Fort Lauderdale, Florida 33328-2018
Telephone: (954) 262-1205
Fax: (954) 262-1181

Office of Admissions
College of Allied Health and Nursing
Health Professions Division
Nova Southeastern University
3200 S. University Drive
Fort Lauderdale, Florida 33328-2018
Telephone: (954) 262-1101
Fax: (954) 262-2282
Email: *cahinfo@nsu.nova.edu*

Bachelor of Health Science–Online
College of Allied Health and Nursing
Health Professions Division
Nova Southeastern University
3200 S. University Drive
Fort Lauderdale, Florida 33328-2018
Telephone: 800-356-0026, Ext. 21209
Email: *bhsinfo@nsu.nova.edu*

Bachelor of Health Science–Vascular Sonography
College of Allied Health and Nursing
Health Professions Division
Nova Southeastern University
3200 S. University Drive
Fort Lauderdale, Florida 33328-2018
Telephone: 800-356-0026, ext. 21964

Bachelor of Science in Nursing
College of Allied Health and Nursing
Health Professions Division
Nova Southeastern University
3200 S. University Drive
Fort Lauderdale, Florida 33328-2018
Telephone: (954) 262-1813

Farquhar College of Arts and Sciences

Office of the Dean
Don Rosenblum, Ph.D., Dean
Farquhar College of Arts and Sciences
Nova Southeastern University
Mailman-Hollywood Building, Second Floor
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8408
Fax: (954) 262-3930

Office of Academic Advising
Farquhar College of Arts and Sciences
Nova Southeastern University
Mailman-Hollywood Building, Third Floor
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7990
Fax: (954) 262-3709

Office of Academic Services
Nova Southeastern University
Parker Building, Suite 100
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8350
Fax: (954) 262-3819

Lifelong Learning Institute
Nova Southeastern University
University Park Plaza
3424 South University Drive
Fort Lauderdale, Florida 33328-2022
Telephone: (954) 262-8471
Fax: (954) 262-3933
Email: *ilr@nsu.nova.edu*

Academic Divisions

Division of Humanities
Farquhar College of Arts and Sciences
Nova Southeastern University
Parker Building, Suite 380
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8200
Fax: (954) 262-3881

Division of Social and Behavioral Sciences
Farquhar College of Arts and Sciences
Nova Southeastern University
Parker Building, Second Floor
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7941
Fax: (954) 262-3760

Division of Math, Science, and Technology
Farquhar College of Arts and Sciences
Nova Southeastern University
Parker Building, Suite 300
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8301
Fax: (954) 262-3931

Fischler School of Education and Human Services

Undergraduate Education
Fischler School of Education and Human Services
Nova Southeastern University
Carl DeSantis Building, Fourth Floor
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Toll-free: 800-986-3223, ext. 28500
Telephone: (954) 262-7900
Fax: (954) 262-3925
Email: *eduinfo@nsu.nova.edu*

Office of Enrollment and Recruitment
Fischler School of Education and Human Services
Nova Southeastern University
Carl DeSantis Building, Fourth Floor
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Toll-free: 800-986-3223, ext. 28500
Telephone: (954) 262-7900

Office of Academic Advising
Fischler School of Education and Human Services
Nova Southeastern University
Carl DeSantis Building, Fourth Floor
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Toll-free: 800-986-3223, ext. 28500
Telephone: (954) 262-7900

H. Wayne Huizenga School of Business and Entrepreneurship

Office of the Dean
Randolph Pohlman, Ph.D., Dean
H. Wayne Huizenga School of Business and Entrepreneurship
Nova Southeastern University
Carl DeSantis Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-5001
Email: *info@huizenga.nova.edu*

Office of Academic Advising
H. Wayne Huizenga School of Business and Entrepreneurship
Nova Southeastern University
Carl DeSantis Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-5067

Office of Recruitment and Admissions
H. Wayne Huizenga School of Business and Entrepreneurship
Nova Southeastern University
Carl DeSantis Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Toll-free: 800-672-7223, ext. 25168
Telephone: (954) 262-5168

Office of Program Management
H. Wayne Huizenga School of Business and Entrepreneurship
Nova Southeastern University
Carl DeSantis Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8041

University-Wide Services

Office of Undergraduate Admissions
Nova Southeastern University
Horvitz Administration Building, Room 192
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8000
Fax: (954) 262-3811
Email: *admissions@nsu.nova.edu*

Department of Athletics
Nova Southeastern University
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8250
Fax: (954) 262-3926
Email: *nsuathletics@nsu.nova.edu*

Office of Career Development
Nova Southeastern University
Alvin Sherman Library
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7201
Fax: (954) 262-3897
Email: *career@nsu.nova.edu*

Office of International Students
Nova Southeastern University
Horvitz Administration Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7242
Fax: (954) 262-3846
Email: *intl@nsu.nova.edu*

Office of New Student Orientation
Nova Southeastern University
Rosenthal, Room 205
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-8050
Fax: (954) 262-3233
Email: *orientation@nsu.nova.edu*

Office of the Registrar (One-Stop Shop)
Nova Southeastern University
Horvitz Administration Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7200
Fax: (954) 262-3256

Office of Residential Life and Housing
Nova Southeastern University
Leo Goodwin Sr. Residence Hall
3625 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7052
Fax: (954) 262-3812
Email: *reslife@nsu.nova.edu*

Office of Student Affairs
Nova Southeastern University
Rosenthal Student Center
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-7280
Fax: (954) 262-1390
Email: *studentaffairs@nsu.nova.edu*

Office of Student Financial Assistance
Nova Southeastern University
Horvitz Administration Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: (954) 262-3380
Fax: (954) 262-3966
Email: *finaid@nsu.nova.edu*

NSU Campus Locations

Main Campus
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Telephone: 800-541-NOVA (6682)
Email: *nsuinfo@nsu.nova.edu*

East Campus
3100 SW 9th Avenue
Fort Lauderdale, Florida 33315-3025
Telephone: 800-262-8823
Email: *facilities@nova.edu*

Oceanographic Center
8000 North Ocean Drive
Dania Beach, Florida 33004-3078
Telephone: 800-39-OCEAN
Email: *imcs@nsu.nova.edu*

North Miami Beach Campus
Fischler School of Education and Human Services
1750 NE 167th Street
North Miami Beach, Florida 33162-3097
Telephone: 800-986-3223
Email: *fgseinfo@nsu.nova.edu*

NSU Student Educational Centers/Instructional Sites

Bahamas
8 Jean Street, Gleniston Gardens
Nassau, Bahamas
Telephone: (242) 364-6766
Email: *nsu-bahamas@nsu.nova.edu*

Jacksonville, Florida
6675 Corporate Center Parkway, Suite 115
Jacksonville, Florida 32216
Telephone: (904) 245-8900
Email: *nsu-jacksonville@nsu.nova.edu*

Jamaica
1 Argyle Road
Kingston 5, Jamaica
Telephone: (876) 978-3311
Email: *nsu-jamaica@nsu.nova.edu*

Las Vegas, Nevada
8945 West Russell Road, Suite 170
Las Vegas, Nevada 89148
Telephone: (702) 943-3450
Email: *nsu-lasvegas@nsu.nova.edu*

Miami-Kendall, Florida
8585 SW 124th Avenue
Miami, Florida 33183
Telephone: (305) 274-1021, 800-541-6682
Email: *nsu-miami@nsu.nova.edu*

Orlando, Florida
4850 Millenia Blvd.
Orlando, Florida 32839
Telephone: (407) 264-5600
Email: *nsu-orlando@nsu.nova.edu*

Southwest, Florida
Cape Coral, Ft. Myers, Naples
Telephone: (239) 267-6278, 800-541-6682
Email: *nsu-swflorida@nsu.nova.edu*

Tampa, Florida
9503 Princess Palm Avenue
Tampa, Florida 33619
Telephone: (813) 393-4999
Email: *nsu-tampa@nsu.nova.edu*

West Palm Beach, Florida
3970 RCA Boulevard, Suite 7000
Palm Beach Gardens, Florida 33410
Telephone: (561) 622-7018
Email: *nsu-westpalmbeach@nsu.nova.edu*

NSU Health Care Clinics

The Health Professions Division Health Care Centers serve as integral parts of the training programs. They also provide a vital community function by bringing health care service to areas whose medical needs traditionally have gone unmet.

NSU Health Care Center at North Miami Beach
1750 NE 167th Street
North Miami Beach, Florida
This facility houses a full-service primary care family medicine practice as well as a state-of-the-art dental center, a comprehensive optometric clinic and optical dispensary to serve the community.

Sanford L. Ziff Health Care Center
3200 South University Drive
Fort Lauderdale, Florida
A primary care facility with state-of-the-art full service radiologic-diagnostic capabilities. Housed here are family medicine, pediatrics, X-ray, occupational therapy, pharmacy, physical therapy, physical medicine and rehabilitation, optometric clinic, optical dispensary, and cardiology and other specialty practices (67,000 square feet).

Eye Institute of Fort Lauderdale
The Eye Institute at Fort Lauderdale located in the North Broward Hospital District building at 1111 West Broward Boulevard provides primary eye care and pediatric /binocular vision services to the urban community in the downtown area as well as the hospital district patients. Along with routine and emergency eye care, services for early detection and monitoring and treatment of glaucoma and other eye diseases are provided by students supervised by experienced faculty members in this state-of-the-art facility. Specialty care, including vision training for children up to 12 years of age, is offered by the Eye Institute's pediatric section. A wide selection of frames and lenses for both children and adults are available at reasonable cost on-site.

Southwest Focal Point Senior Center
301 NW 103rd Avenue
Pembroke Pines, Florida
This facility is designed to service the medical needs of geriatric patients.

Hearing and Balance Center
3600 South University Drive
Davie, Florida
This center services patients who need hearing and balance evaluations. Therapeutic intervention is available for pediatric and adult auditory disorders as well as other disorders of the hearing and balance systems.

Admissions

NSU Admissions Policy

Please refer to the specific admission policies and procedures for each individual program, center, college, or school.

In general, students are provisionally admitted to a degree-seeking program based on a review of unofficial transcripts or other specific program admission requirements. However, this admission includes a condition that final and official documents and requirements must be received within 90 calendar days from the start of the term. If these final and official documents and/or requirements are not received by that time, the student will not be allowed to continue class attendance. Financial aid will not be disbursed to a provisional / conditional student until he or she has been fully admitted as a regular student (all admission requirements have been approved by the appropriate admission office). Students who have an unpaid balance 30 days from the start of the term will be assessed a $50 fee.

NSU Admissions Offices

Students wishing to enroll in undergraduate programs will have the opportunity to select a campus and mode of delivery for instruction. Depending on these choices, the student's application for admission will be processed accordingly. See the *Overview of Undergraduate Programs at NSU* section for more information about undergraduate majors, minors, and other programs offered by Nova Southeastern University.

Students should obtain applications from the following admissions offices, depending on the program for which they are applying:

College of Allied Health and Nursing
- All programs and formats: HPD Office of Admissions and Student Affairs

Farquhar College of Arts and Sciences
- All programs and formats: Office of Undergraduate Admissions

Fischler School of Education and Human Services
- Main campus programs: Office of Undergraduate Admissions
- Off-campus and online programs: FSEHS Office of Enrollment and Recruitment

H. Wayne Huizenga School of Business and Entrepreneurship
- Main campus programs: Office of Undergraduate Admissions
- Off-campus and online programs: Huizenga School's Office of Recruitment and Admissions

HPD Office of Admissions and Student Affairs

The mission of the Office of Admissions and Student Affairs of the Health Professions Division (HPD) is to ensure timely, professional service to applicants and students of the College of Allied Health and Nursing. Individuals wanting to meet with an admissions counselor should contact the counselor for that specific program. For more information, applicants should visit *www.nova.edu/cwis/hpdasa or* call 800-356-0026*,* ext. 21101.

Office of Undergraduate Admissions

The Office of Undergraduate Admissions serves prospective students who are interested in acceptance to the Farquhar College of Arts and Sciences, regardless of location or format, as well as prospective students who are interested in acceptance to main campus programs in the Fischler School of Education and Human Services and the H. Wayne Huizenga School of Business and Entrepreneurship.

Prospective students are strongly urged to contact an admissions counselor, either in person or by phone, to talk about NSU and the application process:

- in Broward County, (954) 262-8000
- in Miami-Dade County, (305) 940-6447, ext. 28000
- from other locations, 800-338-4723, ext. 28000
- from the Caribbean islands and Canada, 800-554-6682 ext. 28000

Prospective students may send email to *admissions@nsu.nova.edu* or access the Office of Undergraduate Admissions online at *www.nova.edu/undergrad*.

Fischler School of Education and Human Services' Office of Enrollment and Recruitment

The Office of Enrollment and Recruitment provides admissions counseling to prospective off-campus and online students of the Fischler School of Education and Human Services.

To speak with an admissions counselor, either in person or on the phone, contact:

Office of Enrollment and Recruitment
Fischler School of Education and Human Services
Nova Southeastern University
Carl DeSantis Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Toll-free: 800-986-3223, ext. 27900
Telephone: (954) 262-7900

H. Wayne Huizenga School of Business and Entrepreneurship's Office of Recruitment and Admissions

The Office of Recruitment and Admissions provides admissions counseling to prospective off-campus and online students of the H. Wayne Huizenga School of Business and Entrepreneurship.

To speak with an admissions counselor, either in person or on the phone, contact:

Office of Recruitment and Admissions
H. Wayne Huizenga School of Business and Entrepreneurship
Nova Southeastern University
Carl DeSantis Building
3301 College Avenue
Fort Lauderdale, Florida 33314-7796
Toll-free: 800-672-7223, ext. 25168
Telephone: (954) 262-5168

College of Allied Health and Nursing

Admissions Requirements

Bachelor of Health Science—Online Program

Prospective B.H.Sc. students are selected by the Department of Health Science committee on admissions through consideration of the overall qualities of the applicant. The program will admit midlevel clinicians, and allied health professionals with diverse education, work, and life experiences who have demonstrated capacity to pursue the course of study and increasingly responsible positions in health care. Areas of consideration include application content, academic record, prior health care experience, letters of evaluation, and personal motivation. In special circumstances, a personal interview with members of the committee may be required (phone interview may be substituted). All interview expenses are the responsibility of the applicant.

Admission to the B.H.Sc. program requires the following:

- Completion prior to matriculation of three semester hours (or equivalent) of college-level written composition from a regionally accredited college or university with a minimum grade of C (GPA of 2.0 on a 4.0 scale). (Effective January 1, 2006)
- An associate's degree in a field of health from a regionally accredited college or university with a minimum cumulative GPA of 2.0 on a 4.0 grading scale
  OR
  A diploma or certificate of completion in a field of health care

  In order for this coursework and education to be considered for credit, an applicant must submit a student-prepared learning portfolio requesting assessment of prior experiences for academic credit. This will describe all traditional, online, military, and other health care education, as well as work-related experience and health care-related conferences attended. A resume or CV, transcripts and/or official documentation of attendance must accompany all prior learning portfolios. The admissions committee will review the portfolio to determine the amount of credit given for prior learning.

- Documented evidence demonstrating education or experience in the health care field within the past five years.

All applicants must show evidence of computer skills through course work or self-study prior to the end of the first term. Students may obtain instruction through the NSU Student Microcomputer Laboratory or other training facilities.

It should be noted that many criteria, in addition to academic credentials play a role in the admission process for the B.H.Sc. program. While the program allows the student to demonstrate academic capability, it does not assure admission to any professional school. Admission to the B.H.Sc. program will not guarantee admission to any other program of Nova Southeastern University.

Upon receipt of the completed application, fees, credentials and transcripts, the admissions officers and the College of Allied Health and Nursing will review all material for evidence of the proper education, training, and background to enter the B.H.Sc. program.

Bachelor of Health Science—Vascular Sonography Program

Prospective vascular sonography students are selected by the Department of Health Science committee on admissions through consideration of the overall qualities of the applicant. The program will admit individuals with diverse education, work, and life experiences who have demonstrated capacity to pursue the course of study in vascular sonography. Areas of consideration include application content, academic record, letters of evaluation and personal motivation. A personal interview with members of the committee may be required (phone interview may be substituted). All interview expenses are the responsibility of the applicant.

Admission to the program requires the following:

- A minimum of 30 semester credits, from a regionally accredited college or university with a minimum cumulative GPA of 2.5 on a 4.0 grading scale. Only courses with a minimum GPA of 2.5 on a 4.0 grading may be considered for possible transfer of credit.
- All applicants must show evidence of computer skills through coursework or self-study prior to the end of the first term. Students may obtain instruction through the NSU Student Microcomputer Laboratory or other training facilities.

It should be noted that many criteria, in addition to academic credentials, play a role in the admission process for the vascular sonography course of study. While it allows the student to demonstrate academic capability, it does not ensure admission to any professional school. Admission to the vascular sonography course of study will not guarantee admission to any other program of Nova Southeastern University.

Upon receipt of the completed application, fees, credentials and transcripts, the admissions officers and the College of Allied Health and Nursing will review all material for evidence of the proper education, training and background to enter the B.H.Sc.—vascular sonography.

Bachelor of Science in Nursing—Entry-Level Track

Applicants must have completed a minimum of 30 semester hours (or equivalent quarter hours) of specific undergraduate coursework from a regionally accredited college or university prior to matriculation into the nursing program. Other requirements include:

- Completion of each prerequisite course with a grade of C or higher
- Overall GPA of 2.75 or higher on a 4.0 scale
- A personal interview with the admissions committee
- Two letters of recommendation from individuals other than relatives (academic instructors, professors, or academic advisors)

Bachelor of Science in Nursing—R.N. to B.S.N. Track

Requirements for admission into the Bachelor of Science in Nursing—R.N. to B.S.N. Track include:

- Overall GPA 2.5 or higher on a 4.0 scale
- Proof of current registered nurse (R.N.) licensure
  Licensure must remain current throughout the program. Students who do not hold a United States (U.S.) nursing license must receive prior approval from the department chair and College of Allied Health and Nursing dean for admission into the program.

Application Procedures

Bachelor of Health Science—Online and Vascular Sonography Programs

Candidates for admission are responsible for the submission of:

- A completed application form along with a $50 nonrefundable application fee
- Two letters of evaluation from individuals other than relatives such as academic advisors, professors, or clinical or nonclinical supervisors, or a community associates
- Official college, certificate and/or diploma-based transcripts from all undergraduate and graduate institutions attended, sent directly from the institution
- Graduates from programs other than those from regionally accredited colleges or universities must submit a student prepared learning portfolio requesting Assessment of Prior Experiences for Academic Credit.
- Copies of national and or state professional certification, licensure or registration, if applicable.
- If the applicant attended or is a graduate of a foreign institution, all coursework from the foreign institution must be evaluated for U.S. institutional equivalence. The official evaluation must be sent directly from the

evaluation service. For more information, see the *International Students* section in Special Programs and Circumstances.
- A complete resume or CV

The Office of Admissions for both bachelor of health science degree programs works on a rolling admissions basis. Applications are accepted year-round. To ensure that their application receives prompt consideration, students should apply early. All admissions materials should be sent to:

Nova Southeastern University
Enrollment Processing Services (EPS)
College of Allied Health and Nursing—B.H.Sc. Program
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

The Department of Health Science committee on admissions will not consider an application until all required fees, credentials, transcripts, and test scores have been received by the Office of Admissions.

The university reserves the right to modify any requirements on an individual basis as deemed necessary by the dean of the College of Allied Health and Nursing. The college reserves the right, and the student, by his or her act of matriculation, concedes to the college the right, to require his or her withdrawal any time the college deems it necessary to safeguard its standards of scholarship, conduct and compliance with regulations or for such other reasons as are deemed appropriate. The dean, department chair, and program director reserve the right to require the student's withdrawal at any time for the above-mentioned reasons.

Bachelor of Science in Nursing—Entry-Level Track

The completed application for entry into the Bachelor of Science in Nursing—Entry-Level Program must be received no later than May 1 to be considered for admission for the August class and October 1 to be considered for the January class.

All applicants who are accepted must submit official transcripts of all completed coursework to the NSU EPS Nursing Department Admissions address that follows, in its entirety. It is the responsibility of the applicant to ensure that arrangements are made for these transcripts to be sent.

- All applicants must submit a completed application form to Nova Southeastern University, along with a $50 nonrefundable application fee.
- Students should send their completed application to:

  Nova Southeastern University
  Enrollment Processing Services (EPS)
  College of Allied Health and Nursing
  Nursing Department
  3301 College Avenue
  P.O. Box 299000
  Fort Lauderdale, Florida 33329-9905

- Students' completed application must be received no later than May 1 in order to be considered for admission for the August entering class and October 1 to be considered for the January class.

- If, at any time, a student wishes to withdraw his or her application from consideration, please do so in writing. Direct this correspondence to:

  Nova Southeastern University
  College of Allied Health and Nursing
  Nursing Department Admissions

3200 South University Drive
Fort Lauderdale, Florida 33328-2018

- One official copy of the applicant's academic transcript must be sent directly from each college, university, or professional school that he or she has attended to the NSU EPS. Transcripts must be official. The school seal must be imprinted or embossed on the transcript, which should be forwarded in a sealed envelope, directly from the institution, in order to be considered an official transcript. Photocopies and facsimiles will not be accepted. A transcript is required for each college, university, or professional school attended, even though transfer credit from one college may appear on another college's transcript.
- If the applicant attended or is a graduate of a foreign institution, all coursework from the foreign institution must be evaluated for U.S. institutional equivalence. The official evaluation must be sent directly from the evaluation service. For more information, see the *International Students* section in Special Programs and Circumstances.
- Applicants must submit two letters of recommendation from individuals other than relatives (academic instructors, professors, or academic advisors)

Bachelor of Science in Nursing—R.N. to B.S.N. Track

- Applicants must submit a completed application form to Nova Southeastern University, along with a $50 nonrefundable application fee. Send the completed application to:

  Nova Southeastern University
  Enrollment Processing Services (EPS)
  College of Allied Health and Nursing
  Nursing Department
  3301 College Avenue
  P.O. Box 299000
  Fort Lauderdale, Florida 33329-9905

- The nursing department has rolling admissions for the R.N. to B.S.N. track. Candidates must submit all applications and transcripts by August 1 for priority consideration for the August entering class and by December 1 for priority consideration for the January entering class. Applications are accepted year round for R.N. to B.S.N. entering classes.
- If, at any time, a student wishes to withdraw his or her application from consideration, please do so in writing. Direct this correspondence to:

  Nova Southeastern University
  College of Allied Health and Nursing
  Nursing Department Admissions
  3200 South University Drive
  Fort Lauderdale, Florida 33328-2018

- Proof of current registered nurse (R.N.) licensure is required. Licensure must remain current throughout the program.
- One official copy of the applicant's academic transcript must be sent directly from each college, university, or professional school that he or she has attended to NSU's EPS. Transcripts must be official. The school seal must be imprinted or embossed on the transcript, which should be forwarded in a sealed envelope, directly from the institution, in order to be considered an official transcript. Photocopies and facsimiles will not be accepted. A transcript is required for each college, university, or professional school attended, even though transfer credit from one college may appear on another college's transcript.
- If the applicant attended or is a graduate of a foreign institution, all coursework from the foreign institution must be evaluated for U.S. institutional equivalence. The official evaluation must be sent directly from the evaluation service. For more information, see the *International Students* section in Special Programs and Circumstances.
- Applicants must submit two letters of recommendation from individuals other than relatives: one from academic instructor, professor, or academic advisor and one from a community associate.

Farquhar College of Arts and Sciences

Application Procedures

Prospective students may apply for admission and be accepted to NSU throughout the entire year. An admissions committee made up of faculty members and admissions representatives reviews applications and makes a determination of admittance or nonadmittance. Factors affecting the committee's decision include high school grade point average (GPA), Scholastic Aptitude Test (SAT) or American College Test (ACT) scores, previous college performance, recommendations, interviews, and student essays. Applicants must provide high school and college transcripts from all previous schools attended, whether or not credit was granted. The high school transcript may be omitted for students who have an awarded associate of arts or associate of science degree from a regionally accredited institution. Students presenting transcripts from non-regionally accredited schools may petition to the Director of Undergraduate Admissions to have their applications reviewed.

Any student admitted based on non-final or unofficial documents from high schools and/or all previously attended colleges is considered provisionally admitted until all required final, official documents are received. Final, official transcripts show all completed courses, posted grades, and graduation dates (if applicable).

Prospective undergraduate students should speak with an admissions counselor by contacting the Office of Undergraduate Admissions, which facilitates the application process for the Farquhar College of Arts and Sciences (see *NSU Admissions Offices*). To apply, prospective students should send a completed application form and a $50 nonrefundable application fee to:

Nova Southeastern University
Enrollment Processing Services (EPS)
Office of Undergraduate Admissions
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

Students may also apply online at *www.nova.edu/undergrad*.

Office of Undergraduate Admissions Review of Documentation

Students are provisionally admitted to an NSU undergraduate degree-seeking program based on a review of unofficial transcripts and/or fulfillment of program-specific admission requirements. However, full admission is contingent on receipt of final official documents and fulfillment of program-specific admission requirements within 90 calendar days from the start of the semester. Final, official transcripts show all courses completed, grades posted, and graduation dates (if applicable).

If final, official documents and/or program-specific admission requirements are not received and fulfilled by that time, the student will not be allowed to continue attending class. Future registrations will not be processed until the student has been fully admitted as a degree-seeking student and all admission requirements have been satisfied and approved by the Office of Undergraduate Admissions/program office. In addition, the student will lose any financial aid that has already been awarded for the semester.

Professional and Liberal Studies (PALS) Program—Day Programs

Freshman applicants must submit all final official transcripts reflecting academic coursework prior to enrollment (e.g., current high-school transcript or GED equivalent), including proof of graduation and SAT or ACT scores, within the first 90 days of the first day of the semester.

Transfer applicants must submit official transcripts from all colleges or universities attended, whether or not credit was awarded. If, at the time of application, students have any courses in progress at another institution, a final,

official transcript must be submitted. In addition, applicants with fewer than 24 credits from any previously attended collegiate-level institutions are considered applicants for freshman status and are required to submit high school transcripts and either SAT or ACT scores.

Professional and Liberal Studies (PALS) Program (day) students, on receiving notification of acceptance, should promptly inform the Office of Undergraduate Admissions in writing of their intention to enroll and send a $200 deposit to be credited toward tuition. To receive a refund of tuition deposits, students must rescind their acceptance in writing by May 1 for August (fall) admission, by September 1 for January (winter) admission, and by January 1 for May (spring/summer) admission.

Admission to the Biology Major and the General Science Program

To be admitted into the biology major, new freshman applicants to NSU must have a combined math and critical reading SAT score of 1050 (or ACT score of 23) and a 3.0 high school GPA. New transfer students must have a college GPA of 3.0 based on a minimum of 24 college credits. Students with fewer than 24 college credits are evaluated as freshmen. Prospective students interested in biology but who do not meet these requirements may be considered for the General Science Program. The General Science Program is designed to help new students explore science fields and work toward meeting biology major matriculation requirements. For more information about the biology major and the General Science Program, see the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences' portion of the catalog.

Career Development Program—
Evening/Online/Off-Campus Programs

All applicants to the Career Development Program must submit proof of high school graduation (or GED equivalent) if they have not previously attended a college-level institution. Transfer students must submit official, final transcripts from all institutions previously attended, whether or not credit was awarded. Transfer students with fewer than 24 credits from any previously attended college-level institutions are required to also submit high school transcripts. All documents must be received within the first 90 days of the first day of the semester.

Admission to the Applied Professional Studies Major

Eligibility for the Applied Professional Studies Major
To be eligible for the applied professional studies major, students must:

1. Have completed a minimum of 45 credits prior to applying to the applied professional studies major.
2. Have completed an 18-credit concentration before applying to the applied professional studies major.

Admission Criteria for the Applied Professional Studies Major
To be admitted to the applied professional studies major, students must complete and provide a portfolio containing the following documents. The assistance of an academic advisor should be sought for advice in the preparation of these documents.

1. A letter of intent in which the student:
   a. Identifies his/her career goals;
   b. Identifies his/her prior coursework and approved prior learning experiences that comprise concentration I;
   c. Provides a rationale for considering concentration I as a coherent body of work;
   d. Identifies concentration II and explains how concentrations I and II integrate into an academic program focused on his/her career goals;
   e. Copies of transcripts with the 18-credits that comprise concentration I highlighted;
   f. One or more documents such as academic papers, projects, work products, letters of recommendation, written reviews of prior course work, written reviews of relevant professional experience, etc., that demonstrates the student's competency in concentration I.

The portfolio is submitted to the academic advisor for review by the director of the appropriate academic unit.

Fischler School of Education and Human Services

Application Procedures—Main Campus Programs

Prospective students may apply for admission and be accepted to NSU throughout the entire year. An admissions committee made up of faculty members and admissions representatives reviews applications and makes a determination of admittance or nonadmittance. Factors affecting the committee's decision include high school grade point average (GPA), Scholastic Aptitude Test (SAT) or American College Test (ACT) scores, previous college performance, recommendations, interviews, and student essays. Applicants must provide transcripts from all previous schools attended. Students presenting transcripts from non-regionally accredited schools may petition to the executive director of enrollment management to have their applications reviewed.

Any student admitted based on non-final or unofficial documents from high schools and/or all previously attended colleges is considered provisionally admitted until all required final, official documents are received. Final, official transcripts show all completed courses and posted grades.

Applicants who will be attending the main campus in Fort Lauderdale and would like to enroll in the day program (Professional and Liberal Studies – PALS) or the evening program (Career Development) must contact the Office of Undergraduate Admissions, which facilitates the application process for the Fischler School of Education and Human Services (see *NSU Admissions Offices*). To apply, prospective students of main campus programs should send a completed application form and a $50 nonrefundable application fee to:

Nova Southeastern University
Enrollment Processing Services (EPS)
Office of Undergraduate Admissions
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

Students may also apply online at *www.undergrad.nova.edu/admissions*.

Office of Undergraduate Admissions Review of Documentation

Students are provisionally admitted to an NSU undergraduate degree-seeking program based on a review of unofficial transcripts and/or fulfillment of program-specific admission requirements. However, full admission is contingent on receipt of final official documents and fulfillment of program-specific admission requirements within 90 calendar days from the start of the semester. Final, official transcripts show all courses completed and grades posted.

If final official documents and/or program-specific admission requirements are not received and fulfilled by that time, the student will not be allowed to continue attending class. Future registrations will not be processed until the student has been fully admitted as a degree-seeking student and all admission requirements have been satisfied and approved by the Office of Undergraduate Admissions/program office. In addition, the student will lose any financial aid that has already been awarded for the semester.

UTEP Professional and Liberal Studies (PALS) Program—Main Campus Day Programs

Admission requirements for the Undergraduate Teacher Education Program (UTEP) Professional and Liberal Studies (PALS) Program (main campus day program) are as follows:

1. Completed application form with a $50 nonrefundable fee
2. Minimum SAT score of 900 or minimum ACT score of 19 for freshmen students
3. Minimum 2.6 GPA in high school or 2.5 GPA in previous college institution attended

4. Entering freshman applicants must submit all final official transcript documents reflecting academic coursework prior to enrollment (e.g., current high school transcript or GED equivalent), including proof of graduation, within 90 calendar days of the first day of the first semester/term of enrollment.
5. Transfer applicants must submit official transcripts from all colleges or universities attended, whether or not credit was granted.
6. Students who have previously earned fewer than 24 credits from any previously attended collegiate-level institutions are required to submit high school transcripts, in addition to transcripts from all colleges and universities attended prior to applying to Nova Southeastern University.
7. Upon acceptance to the PALS Program, students must promptly provide information to the Office of Undergraduate Admissions indicating their intent to enroll. A nonrefundable $200 deposit, which will be credited toward tuition, will be required immediately.

Professional and Liberal Studies (PALS) Program (day) students, on receiving notification of acceptance, should promptly inform the Office of Undergraduate Admissions in writing of their intention to enroll and send a $200 deposit to be credited toward tuition. To receive a refund of tuition deposits, students must rescind their acceptance in writing by May 1 for August (fall) admission, by September 1 for January (winter) admission, and by January 1 for May (spring/summer) admission.

UTEP Career Development Program—
Main Campus Evening Programs

Admission requirements for the Undergraduate Teacher Education Program (UTEP) Career Development Program (main campus evening) are as follows:

1. Completed application form with a $50 nonrefundable fee
2. Must submit proof of high school graduation or GED equivalent, if first time in college
3. Transfer applicants must submit official transcripts from all colleges or universities attended, within 90 calendar days of the first day of the first semester/term of enrollment.
4. Students who have previously earned fewer than 24 credits from any previously attended collegiate-level institutions are required to submit high school transcripts, in addition to transcripts from all colleges and universities attended prior to applying to Nova Southeastern University.

Application Procedures—Off-Campus/Online Programs

To obtain an application, prospective students can visit the Fischler School of Education and Human Services Web site (*www.schoolofed.nova.edu/undergraduate*), click on the *Admissions Application* link, then click on the *Online and Off-Campus Student Education Centers* link and fill out the required information, or call 800-986-3223, ext. 27900. Applications are accepted at any time. Applicants will be notified of the admission decision by mail.

An application is considered complete when the following items have been received:

1. Completed application form with a $50 nonrefundable fee
2. Must submit proof of high school graduation or GED equivalent, if first time in college
3. Transfer applicants must submit official transcripts from all colleges or universities attended, within 90 calendar days of the first day of the first semester/term of enrollment.
4. Students who have previously earned fewer than 24 credits from any previously attended collegiate-level institutions are required to submit high school transcripts, in addition to transcripts from all colleges and universities attended prior to applying to Nova Southeastern University.

Applications are reviewed by the FSEHS Admissions Committee. Qualified candidates may be required to participate in an oral interview. Applicants will be notified of the admissions committee's decision by mail.

Applications are accepted throughout the year. Depending on the chosen program of study, students may be required to begin coursework at designated times in order to align with a given programs curriculum/schedule.

Applications remain active for one year from the initial date of submission of the application. After one year, prospective students will need to resubmit an updated application.

The following admission requirements apply to all FSEHS students. Following this section are additional admission requirements for each program of study.

- Full admission to any academic program requires the submission of all official transcripts required for program admission within 90 calendar days of the first day of the official start of term. Provisional admission status may be granted based on unofficial documents but will be revoked and further registration prohibited if official transcripts and other admissions documents are not received within that 90-day timeframe.
- Students are not eligible for financial aid until full admission status has been granted.
- If the applicant attended or is a graduate of a foreign institution, all coursework from the foreign institution must be evaluated for U.S. institutional equivalence. The official evaluation must be sent directly from the evaluation service. For more information, see the *International Students* section in Special Programs and Circumstances.
- Admission decisions are based on degrees earned at regionally or internationally accredited institutions (or officially approved equivalents).
- Resident alien applicants must provide a photocopy of both sides of their resident alien cards.
- Applicants to graduate-level programs who are non-native English speakers and/or applicants who earned their highest degree at a non-U.S. institution may be required to provide proof of having scored a minimum of 213 on the computer-based TOEFL or a minimum of 550 on the paper-based TOEFL exam.
- International applicants may be required to show verification of a student I-20 visa or permanent residency status. International candidates who intend to reside in the United States and who are required to obtain an I-20 must be full-time, degree-seeking students and must attend classes at any of NSU's Student Education Centers in the state of Florida. For further information, contact the international student advisor, Nova Southeastern University, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796, or telephone (954) 262-7240. Exceptions are made on a case-by-case basis. For more information, see the *International Students* section in Special Programs and Circumstances.

Applicants to the UTEP Career Development (off-campus), A.A./ECE, BSCD, or APS Programs should send application/admission materials to:

Nova Southeastern University
Enrollment Processing Services (EPS)
Fischler School of Education and Human Services
Office of Enrollment Services
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

Note: Students applying for the Bachelor of Science in Applied Professional Studies with a concentration in Teaching and Learning (APS) Program should refer to this program's application requirements on the following page.

Professional Programs

Additional admission requirements for the FSEHS Associate of Arts in Early Childhood Education (A.A./ECE) and Bachelor of Science in Education with a concentration in Childhood Development (BSCD) Programs are as follows:

1. Completed application form with a $50 nonrefundable fee
2. Entering freshman applicants must submit all final official transcript documents reflecting academic coursework prior to enrollment (e.g., current high school transcript or GED equivalent), including proof of graduation, within 90 calendar days of the first day of the official start of term.
3. Transfer applicants must submit official transcripts from all colleges or universities attended.

Jamaica's Applied Professional Studies Major

Students in the APS: Teaching and Learning Program in Jamaica must meet the following criteria to be considered for admission:

- Be a graduate from a Jamaica teachers' college
- Hold a valid Jamaica teachers' diploma in primary education
- Have a minimum of one year of teaching experience
- Maintain teaching while completing the program
- Submit a verification letter and letter of recommendation from a supervisor/principal who has observed his/her performance in the classroom
- Submit a written goal statement

Each student is required to complete the application form to the Fischler School of Education and Human Services, which is available at *www.schoolofed.nova.edu/undergraduate/aps/jamaica/admission.htm*, submit a one-time non-refundable $50 (US) application fee, supply official transcripts of all post-secondary (college) work, submit a letter of recommendation from a supervisor/principal who has observed his/her performance in the classroom, and submit a written goal statement.

For entry into the applied professional studies (APS) major with a concentration in teaching and learning (offered in Jamaica only), the following schools have been reviewed and their earned teaching/instructor diploma is approved for admission:

- Bethlehem Moravian College
- College of Agriculture, Science, and Education (CASE) – formerly, Passley Gardens Teachers College
- Catholic College of Mandeville
- Church Teachers' College, Jamaica
- GC Foster College of Physical Education, Jamaica
- Mico College, Jamaica
- Moneague College, Jamaica
- Sam Sharpe Teachers' College, Jamaica
- Shortwood Teachers' College, Jamaica
- St. Joseph's Teachers' College, Jamaica
- University of Technology, Jamaica (Teaching Diploma) – formerly, College of Art, Science, and Technology (CAST)
- University of the West Indies (Teaching Diploma)
- Vocational Training Development Institute (VTDI), Jamaica (Instructor or Teaching Diploma)

Course Registration
To begin course registration with NSU, students must have a minimum of 60 transferable credits which meet the NSU minimum general education criteria with matching course equivalents to COMP 1500, COMP 2000, MATH 1030 and MATH 1040. Transfer credits in English and MATH must be identical to COMP 1500/2000 and MATH 1030/1040. To begin the APS Teaching and Learning cohort (41 credits), students must have a maximum of 79 transferable credits.

Master's Accelerated Program

Students who have a strong commitment to become qualified educators should consider the Master's Accelerated Program (M.A.P.), offered by the Fischler School of Education and Human Services. Available only on the main campus, this dual admission program allows students to complete both a bachelor's and a master's degree in education in an accelerated format.

This rigorous program is for PALS students. Students will complete all general education requirements prior to entering the program. After the general education requirements are completed the student will participate in four 16-week semesters at the undergraduate level, taking 12 to 18 credits per semester. The 12 to 18 credits taken per semester, plus the mandatory clinical experiences, require the students to be very flexible with their time, as

courses can be scheduled Monday through Friday from 8:00 a.m. to 5:00 p.m., with some possible evening and weekend seminars. NSU arranges the clinical observation hours with local participating schools.

Students can choose from a bachelor's degree in either prekindergarten/primary education (age three through grade three), elementary education (K-6), or exceptional student education (K-12),. Students are clustered, by major, into a 15-student cohort that will begin and complete the bachelor's degree portion of the M.A.P. together. The cohort concept fosters a supportive, collegial learning environment for the students.

M.A.P. students who successfully complete the undergraduate coursework within their designated major are unconditionally eligible for admission to the master of science in education program of the Fischler School of Education and Human Services. While enrolled at the master's degree level, students are able to complete their final year of study in M.A.P. and meet the requirements for a master's degree in education. For financial aid information, the students should consult a financial aid counselor.

Individuals seeking entry into M.A.P. must be admitted to NSU's Professional and Liberal Studies Program. For more information, contact Rhonda Bobb at (954) 262-8497 or *rhondabl@nsu.nova.edu*.

H. Wayne Huizenga School of Business and Entrepreneurship

Students wishing to enroll in undergraduate business programs will have the opportunity to select a campus and mode of delivery for instruction. Depending on these choices, the student‘s application for admission will be processed accordingly.

Admissions Procedures—Main Campus Programs

Prospective students may apply for admission and be accepted to NSU throughout the entire year. An admissions committee made up of faculty members and admissions representatives reviews applications and makes a determination of admittance or nonadmittance. Factors affecting the committee's decision include high school grade point average (GPA), Scholastic Aptitude Test (SAT) or American College Test (ACT) scores, previous college performance, recommendations, interviews, and student essays. Applicants must provide transcripts from all previous schools attended. Students presenting transcripts from non-regionally accredited schools may petition to the executive director of enrollment management to have their applications reviewed.

Any student admitted based on non-final or unofficial documents from high schools and/or all previously attended colleges is considered provisionally admitted until all required final, official documents are received. Final, official transcripts show all completed courses, posted grades, and graduation dates (if applicable).

Applicants who will be attending the main campus in Fort Lauderdale and would like to enroll in the day program (Professional and Liberal Studies – PALS) or the evening program (Career Development) must contact the Office of Undergraduate Admissions, which facilitates the application process for the H. Wayne Huizenga School of Business and Entrepreneurship (see *NSU Admissions Offices*). To apply, prospective students of main campus programs should send a completed application form and a $50 nonrefundable application fee to:

Nova Southeastern University
Enrollment Processing Services (EPS)
Office of Undergraduate Admissions
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

Students may also apply online at *www.undergrad.nova.edu/admissions*.

Office of Undergraduate Admissions Review of Documentation

Students are provisionally admitted to an NSU undergraduate degree-seeking program based on a review of unofficial transcripts and/or fulfillment of program-specific admission requirements. However, full admission is contingent on receipt of final official documents and fulfillment of program-specific admission requirements within 90 calendar days from the start of the semester. Final, official transcripts show all courses completed and grades posted.

If final official documents and/or program-specific admission requirements are not received and fulfilled by that time, the student will not be allowed to continue attending class. Future registrations will not be processed until the student has been fully admitted as a degree-seeking student and all admission requirements have been satisfied and approved by the Office of Undergraduate Admissions/program office. In addition, the student will lose any financial aid that has already been awarded for the semester.

Professional and Liberal Studies (PALS) Day Program—
Main Campus Day Programs

Freshman applicants must submit all final official transcripts reflecting academic coursework prior to enrollment (e.g., current high-school transcript or GED equivalent), including proof of graduation and SAT or ACT scores, within the first 90 days of the first day of the semester.

Transfer applicants must submit official transcripts from all colleges or universities attended, whether or not credit was awarded. If, at the time of application, students have any courses in progress at another institution, a final, official transcript must be submitted. In addition, applicants with fewer than 24 credits from any previously attended collegiate-level institutions are considered applicants for freshman status and are required to submit high school transcripts and either SAT or ACT scores.

Professional and Liberal Studies (PALS) Program (day) students, on receiving notification of acceptance, should promptly inform the Office of Undergraduate Admissions in writing of their intention to enroll and send a $200 deposit to be credited toward tuition. To receive a refund of tuition deposits, students must rescind their acceptance in writing by May 1 for August (fall) admission, by September 1 for January (winter) admission, and by January 1 for May (spring/summer) admission.

Career Development Program—
Main Campus Evening Programs

All applicants to the Career Development Program must submit proof of high school graduation (or GED equivalent) if they have not previously attended a college-level institution. Transfer students must submit official, final transcripts from all institutions previously attended, whether or not credit was awarded. Transfer students with fewer than 24 credits from any previously attended college-level institutions are required to also submit high school transcripts. All final, official documents must be submitted within the first 90 days of the first day of the semester. Final, official transcripts show all completed courses, posted grades, and degree awarded.

Application Procedures—Off-Campus/Online Programs

Applicants to the undergraduate online, cluster, or site-based programs may speak with recruiters in the Office of Recruitment and Admissions at the H. Wayne Huizenga School of Business and Entrepreneurship; or assistant directors at NSU's Student Educational Centers, located in Jacksonville, Orlando, Tampa, West Palm Beach, and Miami, Florida; Las Vegas, Nevada; and the Bahamas.

Prospective online students may send email to *info@huizenga.nova.edu* or apply online at *www.huizenga.nova.edu/admission*. To discuss undergraduate online programs, prospective students may also call (954) 262-5168 or 800-672-7223, ext. 25168, to speak with a recruiter.

All applicants to the online or off-campus programs must submit proof of high school graduation (or GED equivalent) if they have not previously attended a college-level institution. Transfer students must submit official,

final transcripts from all institutions previously attended, whether or not credit was awarded. Transfer students with fewer than 24 credits from any previously attended college-level institutions are required to also submit official high school transcripts. Applicants to the Business Professional Management (BPM) Program are required to meet minimum transfer credit requirements. Please consult with a marketing manager or academic advisor.

All final, official documents must be submitted within the first 90 days of the first day of the semester.

To apply, prospective students should send a competed application form and a $50 nonrefundable application fee to:

Nova Southeastern University
Enrollment Processing Services (EPS)
H. Wayne Huizenga School of Business and Entrepreneurship
3301 College Avenue
P.O. Box 299000
Fort Lauderdale, Florida 33329-9905

Special Programs and Circumstances

Dual Admission Program Applications

NSU offers dual admission to a select number of highly motivated, academically talented students interested in pursuing both an undergraduate degree and future graduate studies. For information and a list of dual admission programs, see the *Dual Admission Program* section in Academic Resources and Procedures. Students interested in applying for dual admission programs should speak with an admissions counselor to determine eligibility.

Home-Schooling

Nova Southeastern University welcomes undergraduate applicants who have been home-schooled for their secondary school education. Home-schooled applicants should provide SAT or ACT scores and a passing GED score to demonstrate high-school equivalence. As with all candidates for admission, each applicant is considered on his or her individual merits and potential for academic success at NSU. Acceptance is not based on any one criterion, and in appropriate cases, requirements for documentation may vary or be modified.

Honors Program Applications

Students must complete a separate application for Undergraduate Honors Programs, available at *www.undergrad.nova.edu/honors/appinfo.cfm*. For more information about honors programs, see *Honors Program* in Academic Resources and Procedures.

International Students

Application Procedures

International students applying to NSU's main campus, or to any of the university's Florida Student Educational Centers, are required to obtain a student (F-1) visa or an exchange visitor (J-1) visa. Students are not permitted to study in the United States on a visitor (B-2) visa.

To apply, international students should send a completed application form and a $50 nonrefundable application fee, following the program‘s application instructions.

Transcript Evaluation
International applicants must have the equivalent of a United States high school diploma. Applicants should submit all secondary school and college-level transcripts and certificates and provide official English-language translations for any transcripts that are not already in English. Credits earned at non-U.S. institutions must be evaluated for

equivalents by an outside agency. Applicants are responsible for all evaluation fees. Foreign coursework must be evaluated by one of the following services:

World Education Services
P.O. Box 745
Old Chelsea Station
New York, New York 10113-0745
Telephone: (212) 966-6311
Email: *www.wes.org*

Josef Silny & Associates
7101 SW 102nd Avenue
Miami, Florida 33173
Telephone: (305) 273-1616
Fax: (305) 273-1338 fax
Web site: *www.jsilny.com*
Email: *info@jsilny.com*

Educational Credential Evaluators
P.O. Box 514070
Milwaukee, Wisconsin 53203-3470
Telephone: (414) 289-3400
Email: *www.ece.org*

English Proficiency Requirements
Applicants to the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship, whose native language is not English, are required to demonstrate English proficiency by one of the following methods:

1. Test of English as a Foreign Language (TOEFL) score of 213 on the computerized test; 550 on the paper test format, or 79 on the internet format.
2. International English Language Testing System (IELTS) requires a 6.0 on the test module.
3. Scholastic Assessment Test (SAT) with a score of at least 480 in the critical reading section, or the American College Test (ACT) with a score of at least 20 on the reading section.
4. Applicants may also show English proficiency by achieving a grade of C or higher in a freshman level English composition course at a U.S. regionally accredited institution.

Test results should be sent directly to the application center. Proof of English language competency can also be in the form of a successful completion of a degree at an approved U.S. Institution of higher education. Students who are applying to majors in the College of Allied Health and Nursing do not need to demonstrate English proficiency.

Financial Documents
International applicants must submit an original bank statement or original letter from a financial institution indicating ability to meet all costs of education without financial aid from NSU. The minimum amount is determined by a budget prepared by the NSU Office of Student Financial Assistance. A notarized letter from a sponsor is required if a public or private organization or an individual sponsors the student. The financial guarantee must include provisions for any dependents who will be residing with the student in the United States. Students should check with the Office of International Students for current minimum amounts at *www.nova.edu/cwis/registrar/isss/forms*.

Medical Insurance
International students must purchase medical insurance (J-1 visas only). Students should contact the international student academic advisor for further information.

Acceptance Letters and Deposits
After NSU has received all of the above information and has granted admission, an acceptance letter will be sent. The process of issuing the I-20 will begin only after all final, official documents have been received, and on receipt

of a $200 tuition deposit. Requirements for international online students may differ. To receive a refund of tuition deposits, international students must rescind their acceptance, in writing, by May 1 for August (fall) admission, by September 1 for January (winter) admission, and by January 1 for May (spring/summer) admission.

Non-Degree-Seeking Students

A non-degree-seeking student is one who wishes to take undergraduate coursework, but does not intend to pursue a degree at the time of application.

College of Allied Health and Nursing

Bachelor of Health Science—Online Program
The non-degree-seeking student must meet the following admission requirements in order to take classes in the B.H.Sc.—Online Program:

- Completion prior to matriculation of three semester hours (or equivalent) of college-level written composition from a regionally accredited college or university with a minimum grade of C (GPA of 2.0 on a 4.0 scale). (Effective January 1, 2006)
- An associate's degree in a field of health from a regionally accredited college or university with a minimum cumulative GPA of 2.0 on a 4.0 grading scale
  OR
  A diploma or certificate of completion in a field of health care.

Due to the limited number of seats available in the program, preference for admission and registration will be given to degree-seeking students. Non-degree-seeking students are limited to taking a maximum of nine semester hours of B.H.Sc. coursework. Enrollment in these courses does not guarantee acceptance into the B.H.Sc. degree program or any other Nova Southeastern University program.

If after taking classes in the B.H.Sc. program a non-degree-seeking student decides to pursue the B.H.Sc. degree, the student must resubmit an application to the program to be a degree-seeking student and must meet all the admission requirements for the B.H.Sc. degree program.

A non-degree-seeking student who, after taking classes in the B.H.Sc. program, decides to apply to be a degree seeking student may request a transfer of credits taken as a non-degree-seeking student in accordance with the transfer policy of the B.H.Sc. program. All applicants must show evidence of computer skills through coursework or self-study prior to the end of the first term. Students may obtain instruction through the NSU Student Microcomputer Laboratory or other training facilities.

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Special (non-degree seeking) students may take up to 24 credit hours or enroll in a specialty program without being admitted to a degree program. The 24-credit limit does not apply to students who have already earned a baccalaureate degree. Special students should indicate their status on their application form and submit it with the application fee and a transcript from the last college attended. Students who have never attended college must submit a transcript indicating completion of high school or GED equivalent. Once the admissions process is complete, students may register for courses. Special students are not eligible for a degree unless they follow the regular admissions procedures for degree-seeking students. Additionally, special students are not eligible for financial aid.

Non-degree seeing students seeking a paralegal certificate must hold a baccalaureate degree. Students in this and other certificate programs may be eligible for financial aid. Contact an admissions counselor for details.

Resident Aliens

Applicants who are resident aliens must provide proof of resident alien status at the time of application.

Second Bachelor's Degree

Individuals who already hold a bachelor's degree from an accredited institution, including NSU, may earn a second bachelor's degree from NSU by completing a minimum of 30 additional credits toward the second degree. At least 50 percent of the major must be taken at NSU.

Suspensions

Applicants who are currently under suspension or who have been suspended or dismissed from another postsecondary institution are not eligible for admission to Nova Southeastern University. Applicants may appeal this policy and request a waiver by the admissions committee. That waiver may be granted only after a review of additional information. Students who are currently under suspension or who have been suspended or dismissed from NSU should refer to the *Academic Requirements and Progress* section in Academic Resources and Procedures for policy information.

Concurrent Enrollment

Students enrolled at NSU are not generally permitted to be enrolled at other institutions at the same time. Only under unusual circumstances will permission for concurrent enrollment be granted. See the *Enrollment at Other Universities* section in Academic Resources and Procedures for policies and requirements.

Delayed Enrollment and Reapplication for Admission

Students who apply for admission but do not complete the admissions process, or are admitted but never attended NSU, may reactivate their applications within a period of 12 months after the intended semester of enrollment. For example, a student admitted for fall semester must enroll no later than the following fall semester. After the 12 month deadline, students must reapply for admission and a new application fee will be assessed. Students who wish to apply for readmission must clear all financial and academic holds from their record before a readmission application is processed.

Transfer Credits

NSU welcomes undergraduate students who have earned college credits at other regionally accredited colleges and universities. NSU maintains articulation agreements with all Florida community colleges. Additional articulation agreements exist with both public and independent institutions. Because these agreements are periodically evaluated, students should contact an admissions counselor for information on current articulation agreements.

Students interested in transferring to NSU should contact an admissions counselor to discuss how prior college credits can be applied toward an NSU degree. Community college students should contact an admissions counselor as early as possible in their college career in order to choose associate's degree coursework that will be appropriate for transfer into their intended NSU bachelor's degree program.

Transfer credit evaluation will be completed by an academic advisor by the end of the first semester of enrollment. Applicable credit will be transferred based on all final official transcripts received. Transfer students must provide final official transcripts from all previously attended colleges for transfer credit evaluation. Students will be advised to take courses based on the official evaluation in their file.

College of Allied Health and Nursing

Any students wishing to transfer from another university into a College of Allied Health and Nursing program must provide the following:

- Official transcripts from all colleges or universities previously attended, sent directly to Nova Southeastern University College of Allied Health and Nursing Office of Admissions

Transfer credits, if awarded, will be given pending transcript evaluation and for courses that are directly applicable to outlines curriculum courses in the specific allied health department or program in which the student is applying. All transfer credit decisions will be made at the discretion of the department chair or program director.

Bachelor of Health Science—Online Program

Students who have earned college credits at other regionally accredited colleges or universities can transfer these credits into the B.H.Sc. program. Students should contact a B.H.Sc. admissions counselor to discuss how prior college credits can be used to obtain the B.H.Sc. degree.

An evaluation of transfer credit will be completed prior to the first semester of enrollment, and applicable credit will be transferred based on all final official transcripts received. Students will be advised to take courses based on the official evaluation in their file.

Transfer students must provide final official transcripts from all their previous colleges; their previous academic work will then be evaluated. The B.H.Sc. program will transfer a maximum of 90 eligible semester credits, including credit for CLEP, proficiency exams, and prior experiential learning toward a degree.

To be eligible to graduate with the B.H.Sc. degree a student must have completed 30 semester hours of general education coursework in addition to the B.H.Sc. curriculum with a resulting minimum total of 120 semester hours. If this requirement is not met at time of admission to the program, it can be obtained concurrently while enrolled in the B.H.Sc. program. A student can obtain and transfer these courses through NSU's Farquhar College of Arts and Sciences or another regionally accredited college or university.

Effective January 1, 2006, prior to matriculation, all applicants must have completed a minimum of three semesters hours (or the equivalent) of a college level written composition course from a regionally accredited college or university with a minimum grade of a C (GPA of 2.0 on a four point grading scale).

Students must complete a minimum of 25 percent (30 semester hours) of their coursework within the B.H.Sc. program major. Students with credits, health care or academic experiences, certificates, diplomas or degrees from nationally accredited colleges, military training or other educational training/experiences should refer to the section below tilted *Assessment of Prior Experiences for Academic Credit* in order to apply to convert these prior experiences into academic credit.

Farquhar College of Arts and Sciences and Fischler School of Education and Human Services H. Wayne Huizenga School of Business and Entrepreneurship

NSU will transfer a maximum of 90 eligible semester credits toward a degree, including credit for CLEP, proficiency exams, and prior experiential learning. Remaining credits and at least 50 percent of credits in the student's major, minor, and/or certificate areas must be earned at NSU in regular academic offerings. See the *Academic Requirements and Progress* section.

Transferring NSU Credits to Other Institutions

Credits earned at NSU are eligible for transfer to programs at other institutions. Students should contact the institution of intended transfer for their policies related to accepting transfer credit.

Assessment of Prior Experiences for Academic Credit

NSU undergraduates may convert prior professional, military, and other life experiences into academic credit through four different mechanisms. All requests for prior learning credit must be initiated before students complete 24 credits at NSU. Credits earned through prior learning will be noted on transcripts after 12 credits are successfully earned at NSU.

1. **General and Subject Testing CLEP/DANTES/ACT-PEP/TECH 1110 Test-Out**
   Students may meet certain general education, major, and elective requirements in a variety of areas through objective tests in which they demonstrate specific subject knowledge. These tests include the College Board's College-Level Examination Program (CLEP), Defense Activity for Non-Traditional Education Support (DANTES) subject exams, ACT-PEP exams, and New York University language exams. Students who plan to take these exams as prerequisites for other courses must successfully complete the exams before registering for more advanced coursework. Students who enroll in courses that require TECH 1110 (Technology in the Information Age) as a prerequisite may satisfy the prerequisite by taking an exam that tests their computer knowledge. Students must contact their academic advisor before taking any exams. See the *Testing Services* section in Academic Resources and Procedures for more information about testing services.

2. **Nationally Accredited Trade and Technical School Portfolios**
   Students who have attended nationally accredited trade or technical schools may submit portfolios that describe learning experiences they believe should be applied for credit in their NSU program. The official review of school portfolios is conducted by qualified faculty, who will identify courses that may be applied to NSU programs through an examination of transcripts, previous course syllabi, students' autobiographies, written narratives describing previous classes, and other documents. Students interested in requesting academic credit for prior experiences should work directly with the Office of Transfer Evaluation Services, which is responsible for coordinating this process.

3. **Full Portfolios (for course challenges)**
   Students who intend to challenge a specific college-level course must submit a full portfolio that presents their knowledge of the course topic. Full portfolios are evaluated by an appropriate faculty member. Students may earn a maximum of 25 percent of their credits through the full portfolio process. Full portfolios include course syllabi and descriptions; student resumes and autobiographies; written skill inventories that compare learning experiences with equivalent course subject matter; and other relevant documents, including certificates, training documents, and verification of employment. Students interested in submitting a full portfolio for academic credit should work directly with the Office of Transfer Evaluation Services.

4. **Standard Grants**
   The college has established a series of standard college credit grants for common, documented learning experiences. These experiences include certain training courses, military experiences, and licenses, as well as health care industry training experiences, such as EMT and paramedic training and nursing education in training hospitals. Specific documentation is required for each standard grant. The number of credits awarded depends on the major program's transfer policies.

For more information about prior learning options, contact the Office of Transfer Evaluation Services, at (954) 262-8414 or 800-806-3680.

Advanced Placement and International Baccalaureate Credit

Students who have completed Advanced Placement (AP) or International Baccalaureate (IB) courses may receive college credit toward the bachelor's degree at NSU. Eligible courses and credit granted vary. Students should consult with an academic advisor to confirm credit awards. For more information on academic advising, refer to the *Academic Advising* section in Academic Resources and Procedures.

Academic Resources and Procedures

Academic Advising

Academic advisors provide students with confidential academic, social, and developmental advising to ensure they receive the individual attention they need to succeed. It is strongly recommended that all undergraduate students entering a program, changing specializations/concentrations, requesting transfer of credits, or attempting to meet specific renewal or certification requirements contact an academic advisor before registering for classes. Academic advisors additionally serve as liaisons and referral agents by helping students gain needed assistance from other NSU divisions or from the community.

Students should maintain regular contact with their academic advisors throughout their academic career at NSU. Students are encouraged to consult with an academic advisor if they believe their rights as students are being, or have been, violated. Students are also encouraged to discuss aspects of their education with faculty members, program administrators, and directors. For current academic advisor assignments, call or visit the website of the appropriate college or school.

College of Allied Health and Nursing

Academic Advising and Administrative Support—Department of Health Science

Each student is required to contact the program director for academic advising prior to beginning the program. The program director and the department coordinator will advise and assist the student during their matriculation into the program. Students may communicate with the director and coordinator via phone, fax, email, or in person if they visit campus.

Department of Health Science–Online
Telephone: (954) 262-1209 administrative support or (954) 288-9695 Academic Advising

Department of Health Science–Vascular Sonography
Telephone: (954) 262-1964

Academic Advising—Nursing Department

A designated nursing faculty member will help students with course selections for each semester. Prior to selecting courses for the next semester, students should review all nursing program course requirements and tracking. If students have difficulty with registration or financial aid issues, they should contact their program director immediately for assistance.

Nursing Department
Telephone: (954) 262-1813

Farquhar College of Arts and Sciences

Office of Academic Advising
Telephone: (954) 262-7990

Fischler School of Education and Human Services

Office of Enrollment Services
www.schoolofed.nova.edu/sso

Main Campus Academic Advising
Telephone: (954) 262-7900

Off-Campus/Online Academic Advising
Telephone: (954) 262-1559

H. Wayne Huizenga School of Business and Entrepreneurship

Office of Academic Advising
Telephone: (954) 262-5067
www.huizenga.nova.edu/currentStudents/OfficeofAcademicAdvising.cfm

Academic Requirements and Progress

To remain in good academic standing, students must maintain the required minimum grade point average (GPA) or higher on all credits attempted. Students receiving financial aid should also refer to the Office of Student Financial Assistance for information about minimum GPA requirements for financial aid programs. Some scholarship opportunities listed in *Scholarships and Grants for Undergraduate Students* may also have minimum GPA requirements.

Transcripts

Each student's academic achievement is reviewed each semester and a transcript is available on WebSTAR. The transcript includes:

1. Grades and credits earned
2. Deficiencies (Incompletes, Failures, Probation, etc.)
3. Semester GPA and cumulative GPA
4. Honors (Chancellor's List, etc.)
5. Withdrawals

College of Allied Health and Nursing

Minimum Grade Requirements

Bachelor of Health Science—Online Program
Effective for new matriculants in or after January 2006, students will be required to obtain a grade of C or better (greater than or equal to 2.0 on a 4.0 scale) in every required core course. Students receiving a C-, D+, or D, in a required core course will be considered to have failed and be required to take the course at its next scheduled offering.

All students receiving an F in a required core course will be required to remediate it by repeating the scheduled course and achieving a C or better at its next scheduled offering.

Upon achieving a C or better in a repeated course, an E will be noted after the original grade, and that grade will then be exempt from GPA calculation. The new course grade will be noted on the transcript followed by an I, indicating the new grade will be included in the GPA calculation. Additional tuition will be charged for any repeated course.

A student who has experienced two or more course failures while in the Bachelor of Health Science—Online Program may be dismissed from the program. Any course failed on first taking will be considered a course failure. Passing a course through retake or reexamination does not negate the original failure for purposes of retention in the program.

Bachelor of Health Science—Vascular Sonography Program
Students must pass all courses with a C or better in all required courses for the bachelor of health science degree in vascular sonography. Students who receive a grade of C–, D+, D, or F, in any course (excluding clinical externship) must remediate through repeating the course at its next scheduled offering or reexamination and achieve a C or better. A subsequent grade of C–, D+, D, or F, in any course may result in dismissal from the program.

Upon achieving a C or better in a repeated course, an E will be noted after the original grade, and that grade will then be exempt from GPA calculation. The new course grade will be noted on the transcript, followed by an I, indicating the new grade will be included in the GPA calculation. Additional tuition will be charged for any repeated course.

For purposes of retention in the B.H.Sc.—Vascular Sonography Program, any course grade below a C will be considered a course failure. No more than two courses may be passed through remediation. Students are allowed only one C–, D+, D, F, or W in one didactic vascular (BSV) course. Receipt of a second such grade may result in dismissal from the program.

Bachelor of Science in Nursing

Although faculty members do not believe that grades should be the primary motivation for learning, grades are a reality everyone faces. The Nursing Department has several policies:

- Each nursing course consists of unique learning objectives, activities, evaluation, and grading procedures. Students should make sure that they understand how grades are determined in each course and what their accompanying responsibilities are. Faculty members will distribute specific policies related to each course on paper or via the Internet. Students are responsible for obtaining a copy and following those course policies.
- Students must earn a grade of C or better in all courses required for the B.S.N., including prerequisite courses, general education, and health science (BHS) courses. Students who receive a grade of C–, D+, D, D–, F, or W in one course must repeat the course and achieve a C or better. A subsequent grade of C–, D+, D, D–, F, or W in any course will result in dismissal from the program.
- Students must earn a grade of C or better in each nursing course that is a prerequisite in order to advance to the next semester in the nursing program.
- Students must demonstrate a grade of C or better in the didactic nursing course and a P in the clinical component in order to receive a final grade of C or better.
- Students must meet with the program director to initiate a withdrawal. **A student who withdraws without meeting with the program director may be ineligible to return to the program.**
- Entry-level students are required to maintain competence in pharmacology and math. Failure to maintain this knowledge may result in a course failure.
- Students enrolled in general education or BHS courses will follow the academic course calendar and policies of those departments.
- Failing grades will be included in calculating the GPA for that term and the cumulative GPA to that point. When the student successfully repeats the course, the failing grade will then be exempt from the GPA calculation.

Course Failures

Failing any course, didactic or fieldwork, will result in the matter being referred to the department‘s or program‘s Committee on Student Progress and may lead to disciplinary action up to and including dismissal. In some programs, one or more courses may be designated as prerequisite or core competency coursework and critical for successful completion of the curriculum, such that failure of a single prerequisite or core competency course may lead to dismissal. Course failures that require remediation by retake may significantly extend the length of the program of study or require the student to withdraw from the program until the course is offered again. Students may be charged additional tuition for repeated courses.

Review of Academic Progress

Academic Warning, Academic Probation, and Disciplinary Probation

For students in the College of Allied Health and Nursing, the specific program‘s Committee on Student Progress (CSP) will make recommendations to the program director and/or department chair when a student is not making progress toward meeting degree requirements or is failing to meet the attitudinal and behavioral objectives and/or professional standards of the program or department. The program director and/or department chair reviews the CSP recommendations and notifies the student, in writing, of their decision, which may include, but is not limited to, academic warning, academic probation, or disciplinary probation. This will be noted on the official transcript either as AW (academic warning), AP (academic probation), or DI (disciplinary probation) to indicate issues related to

unprofessional behavior. A student on any type of probation will be restricted from the following: holding office in any student or college sponsored organization, placement on the Chancellor's or Dean's List, and receiving funds for student-related activities. The college and the Division Office of Student Affairs will also be notified. The program director and/or department chair and the dean may restrict other activities. Failure to bring the GPA up to a satisfactory level and to remove failing grades within the academic year may result in disciplinary dismissal.

Suspension and Dismissal
Failure to complete successfully any repeated course or clinical segment will result in automatic suspension, and may lead to dismissal, regardless of the student's GPA. This applies to didactic and field coursework. Failing two or more courses, didactic or fieldwork, will result in automatic suspension and may lead to dismissal. In some programs, one or more courses may be designated as prerequisite or core competency coursework and critical for successful completion of the curriculum such that failure of a single prerequisite or core competency course may lead to dismissal. Any student falling in the above categories may be required to repeat courses (at his or her expense), at the recommendation of the department chair or the program director and at the discretion of the dean. Any student with a grade point average below the minimum established in their individual program of study for two semesters will be suspended and may be dismissed. Unprofessional conduct may result in dismissal. All dismissals are evaluated by and based on the recommendations of the Committee on Student Progress. For further information on academic dismissal and the process of appeals, refer to the *Problem Resolution Procedure* section of this catalog.

The college reserves the right, and the student, by his or her act of matriculation, concedes to the college the right to require withdrawal at any time the college deems it necessary to safeguard its standards of scholarship, professional behavior, and compliance with regulations, or for such other reasons as are deemed appropriate.

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Minimum Requirements (GPA)

All students must maintain a minimum cumulative grade point average of 2.0 to be considered in good academic standing. In some degree programs, students must maintain a higher cumulative grade point average or a higher cumulative grade point average in major courses. See program information for details.

Review of Academic Progress

The Office of the Dean reviews student academic progress at the end of each semester. Students whose grade point averages (GPA) fall below minimum GPA requirements will receive notification that they have been placed in one of the categories of academic progress listed below. All of these categories will become permanently recorded on official student transcripts.

Academic Warning: Students whose semester GPA falls below 2.0 (regardless of the cumulative GPA).

Academic Probation: Students who have been previously placed on academic warning, have attempted at least 12 cumulative credits (including courses from which the student has withdrawn), and have a cumulative GPA below 2.0.

Continued Academic Probation: Students who have been previously placed on Academic Probation, retain a cumulative GPA below 2.0 but have earned a semester GPA above 2.0. Students who successful petition and return following suspension will also be placed on continued academic probation.

Off Academic Probation: Students who achieve a minimum cumulative GPA above 2.0 when previously on academic probation.

Academic Suspension: Students on academic probation or continued academic probation who fail to earn a minimally acceptable GPA in the next semester of enrollment. Length of academic suspension is two semesters. Students are automatically dropped from all registered courses.
Students must petition for readmission by the date indicated on their suspension notice (see *Notification and Appeals* in this same section of the catalog). Students who are approved to reenroll after serving academic suspension are readmitted under continuing academic probation. While serving on academic suspension, students may not make progress in their NSU degree programs. Credits earned at other institutions during suspension will not be transferred to NSU.

Academic Dismissal: Students who were previously on academic suspension and readmitted will be academically dismissed if they fail to meet a minimally acceptable semester GPA of 2.0. Students in this category may not reapply for admission. Students are automatically dropped from all registered courses.

Notification and Appeals

A student placed on academic suspension or academically dismissed will be sent a letter to his/her permanent mailing address. The student will have until the deadline specified in the academic dismissal or suspension letter to appeal to the Academic Progress Committee. The committee includes faculty members from each academic division and a representative from the Office of Academic Services. The committee reviews appeals for suspension and dismissal. Notification of decisions will be sent to the permanent mailing address of the student. If the appeal is approved the student will need to contact their academic advisor to register for the next available course start date. For more information, the student may contact an academic advisor or the Office of the Dean.

Academic Requirements—New Students

Students are expected to demonstrate skills appropriate for college-level work.

Professional and Liberal Studies Program

All students in the Professional and Liberal Studies (PALS) Program are encouraged to take appropriate written communication and mathematics courses during their first semester of enrollment at NSU. Students are placed in these courses based on standardized (SAT, ACT, or TOEFL) test scores or prior college credit. Students without the above test scores or college-level writing and/or math will be automatically placed into COMP 1000 and/or MATH 1000 courses. Students may also take challenge exams to place out of these courses. Each challenge exam may be taken only once. For specific challenge exam procedures and practice exams, students should contact the Academic Services' Testing Office. Tutoring in mathematics and writing is also available through the Office of Academic Services. While students are acquiring these skills, their enrollment is limited to courses approved by an academic advisor, generally at the 1000 and 2000 levels.

Career Development Programs

Students who enter the Career Development Program without transfer credits in writing and/or mathematics must enroll in COMP 1000 and/or MATH 1000. Students may take challenge exams in writing and/or mathematics to determine eligibility for the college-level courses listed in the general education requirements.

Transfer Students

All new transfer students must demonstrate college-level skills in writing and mathematics. Transfer students can do this by presenting transcripts from previous institutions that indicate comparable courses taken. Alternatively, transfer students may take the required developmental courses in writing and mathematics or take challenge exams to place out of them.

Academic Requirements—Writing Across the Curriculum

Each undergraduate course includes written assignments, in the language of instruction, that make up at least 25 percent of the final course grade. Each course contains at least eight (8) pages (approximately 2,000 words or their equivalent) of writing, with faculty members providing feedback on these assignments. Written assignments can include (but are not limited to) the following: essays, summaries, memos, lesson plans, journal entries, lab reports, project proposals, progress reports, case studies, and project reviews.

Address and Name Changes

NSU maintains student contact information through WebSTAR at *www.webstar.nova.edu*, including current mailing address and telephone number. Students should update their records in WebSTAR and notify their academic division if there is a change in their name and/or contact information.

Attendance Policy

As the educational process at NSU depends on a close working relationship between students and faculty members, students are expected to attend class regularly. Specific requirements are established by individual instructors and are communicated in the syllabus or at the first class meeting. The college or school administration supports faculty attendance requirements. Students are responsible for the academic consequences resulting from class absences. Missed assignments/tests can be made up solely at the discretion of the course professor/instructor. Students who miss a class must inform instructors before the class meeting. Students who miss class because of an illness or other emergency should contact the instructor as soon as possible to arrange for make-up work. The university reserves the right to administratively withdraw any student from a course if that student fails to appear on the first scheduled day of class.

Attendance Policy—Health Professions Division (HPD)

At Nova Southeastern University's Health Professions Division, attendance at all scheduled instructional periods is mandatory. Students are required to follow the specific center or program policies within the College of Allied Health and Nursing.

Failure to consider any additional requirement is noted in the evaluation of a student's academic performance and professional attitude and may result in a failing grade for the course. Students shall report to the College of Allied Health and Nursing's Office of Student Affairs, in writing, the reason for all absences within 24 hours of each occurrence.

Students whose reasons are unacceptable will be subject to disciplinary action. In the event of an emergency absence, requests for an excused absence must be made to the college's Office of Student Affairs for a decision. All students are instructed to consult their specific program handbook with regard to additional or supplemental attendance policies.

1. **Excused absences**
   a. Illness: The division must be notified as soon as possible, or at the latest, on return to school, of all absences due to illness. For unusual or prolonged illness, the Office of Student Affairs must be notified as soon as possible. These absences will be evaluated on an individual basis.
   b. Special circumstances: unusual circumstances resulting in absences (e.g., death in the immediate family) must be cleared with the Office of Student Affairs on an individual basis, preferably before the student is absent from class.

2. **Unexcused absences**
   Absences not falling into the first category are unexcused absences. The administration realizes that special circumstances may arise on rare occasions that lead to an unexcused absence. However, unexcused absences are neither a right nor an entitlement of the student. Unexcused absences may result in a written

reprimand from the dean, with a copy to be placed in the student's permanent file, plus a loss of 10 percentage points in the course or failure in the course.

Each laboratory, assignment, or examination missed must be made up at the discretion and convenience of the instructor. If, in the judgment of the dean, a pattern of absences appears to surface, action may be taken, up to and including failure in the courses involved or dismissal from college.

3. **Clinical Rotations, Placements, Fieldwork, or Externship**
   Attendance while on clinical rotations follows different procedures, which are noted in the policy and procedures *Clinical Rotation Handbook* or *Clerkship /Externship Manual* distributed prior to going on rotations.

4. **Promptness**
   Promptness is a trait a proper health care practitioner must display. Additionally, tardiness in class disturbs both the lecturer and other members of the class and is thus markedly inconsiderate and rude. University class hours are from 8:00 a.m. to 10:00 p.m. daily, Monday through Friday. Class schedules are issued from time to time as an aid to faculty members and students, but the administration reserves the right to make changes, assign Saturday hours, or deviate from published schedules without notice.

   Classes begin at 10 minutes after the hour. Any student not seated in his or her assigned seat by the time class begins will be marked absent. Classes finish on the hour. If the student arrives within 20 minutes after the start of class, the absence will be reduced to a half absence. Students will await the instructor's arrival until at least 20 minutes after the specified starting time, unless notified otherwise by an authorized person.

5. **Religious holidays**
   Absences for major religious and ethnic holidays may be excused at the discretion of the administration. Students are required to obtain approval for their absences one week prior to the holiday.

Attendance Policy—Bachelor of Health Science—Online Program

All of the B.H.Sc.—Online Program courses are designed in distance learning formats. Each student holds the responsibility to fulfill all class requirements, access recommended resources, and meet the appropriate deadlines for assignment submission and exams. Students are required to access and participate in their Web-based class at least once per week to complete assignments.

Attendance Policy—Bachelor of Health Science—Vascular Sonography Program

The overall mandatory attendance policy of NSU's Health Professions Division relates to all vascular sonography students. During the clinical year, students are required to complete a total of 1,800 clinical hours in three 16-week semesters. These hours are mandatory for receiving a bachelor of health science degree with the B.H.Sc.—Vascular Sonography Program. Each student holds the responsibility for attending class and clinical externship and for understanding the specific policies regarding attendance for each, including policy and penalty for unexcused absences, within the parameters of the vascular sonography program and the Health Professions Division. If missed labs, assignments, examinations, or clinical coursework are to be made up, they will be done at the direction and/or discretion of the vascular sonography director.

Attendance Policy—Nursing Department

Attendance in all classes and clinical experiences is expected. In case of illness or extenuating circumstances, the student must notify the professor prior to the beginning of class or clinical. Students are responsible for all course content discussed and/or assigned.

Auditing a Course

Students may register to audit courses. Registration as "audit" must be done prior to the first class meeting. No academic credit is awarded for audited courses. Students may attend all classes but are not required to take examinations, and a grade of AU is awarded at the time of registration. Once a student has registered for an audit,

the registration may not be changed back to one in the normal grading system. An audited course may be included in the flat-rate tuition, provided the total number of credit hours, including credits assigned to audited courses, does not exceed 18. Otherwise, tuition will be charged at the prevailing, per-credit-hour rate.

Clinic Exploration Program (CEP)

The Clinic Exploration Program (CEP) pairs students with physical and mental health professionals so they can personally experience a broad range of medical and therapeutic fields. Students in the CEP acquire valuable practical knowledge by shadowing professionals on the job in many of NSU's clinics. Working side-by-side with seasoned health professionals, participants gain a first-hand perspective into possible career options. The program organizes rotations with doctors, physical therapists, dentists, certified athletic trainers, and other professionals.

Any undergraduate student can take part in the CEP, regardless of major or professional experience. Program participants are given a special blue lab jacket to wear during clinical experiences and are assigned a clinic for one or two rotations a semester. For more information about the program, students can visit *www.undergrad.nova.edu/currentstudents/cep.*

Course Credits—Application toward Multiple Requirements

Courses taken to fulfill major, minor, certificate, general education, and other program requirements may generally be applied to other program requirements. For example, courses used to satisfy major requirements may also be used to satisfy general education requirements. However, some programs have specific exceptions to this general policy. Students should consult their academic advisor or division to determine specific policies about application of course credit.

Course Delivery

Classes are scheduled at a variety of times and locations to best meet student schedules and course demand. Classes may be on-campus, off-campus, day, evening, online, and through independent study. Students should review registration choices with their academic advisor.

Day

Day classes are aimed primarily at recent high-school graduates and transfer students.

Evening

Evening classes are intended primarily for professional students, although day students may also register for evening classes. To ensure that students obtain the maximum benefit from the Career Development Program's accelerated format, most of the evening courses offered require that assignments for the first class be completed before the first class meeting.

Online

Web-based courses are available to all active NSU students. Students who participate in online classes are supported through a variety of technologies and teaching methods: email, bulletin boards, chatrooms, electronic journals, and links to Web resources. Each student must obtain an NSU account to access email, course materials, and library resources. Students are required to participate in an online orientation before the start of each class.

Online Components of Ground-Based Courses

Ground-based classes may also include some online instruction in addition to regular classroom instruction. Although most instruction will take place on campus or in site classrooms, some assignments may be administered through Internet-based sites associated with class textbooks or through WebCT, the university's online course management system. Instructors will explain specific requirements for participation in online components.

Independent Study

Independent study provides qualified students with an opportunity to research a question of interest under faculty supervision. Students interested in independent study should contact their academic advisor and consult with a faculty member to draw up a contract outlining student responsibilities. The student, the instructor, and the division's academic director must sign the contract. Regular tuition schedules and rates apply to independent study.

Course Evaluations

Course evaluations facilitate the collection of feedback from students about their classes—how they feel about course content, instructors' effectiveness, appropriateness of textbook selection, and other aspects. All evaluations are confidential and anonymous. Students are urged to be honest and constructive in their remarks. The course evaluation process is conducted completely online. Students must have an NSU email account to access the course evaluation website. Students may fill out online course evaluations beginning 14 days prior to the start of the session, term, or semester's exam week. Evaluations remain open to students for seven days.

Declaring and Changing Majors, Minors, and Programs

Declaring and Changing Majors

Undergraduate students study and work in major fields that prepare them to enter careers or continue formal education in graduate and professional school. Students who do not select a major program during the admissions process are considered "deciding." All students, including transfer students, must declare a major by the completion of 60 credits. Deciding students and students who wish to change their originally declared major should contact their academic advisor.

Matriculation Requirements to the Biology Major

Students already enrolled seeking to change their major (or add a second major) to biology may matriculate into this major with an undergraduate cumulative GPA of 3.0 or higher after successful completion of 30 credits.

General Science students may matriculate into the biology major with an undergraduate cumulative GPA of 2.75 or higher after the successful completion of 30 credits and the following curricular prerequisites: a) successful completion of SCIE 1000 and b) successful completion of BIOL 1100, MATH 1040, and COMP 1000 or higher.

For more information about the General Science Program and the requirements necessary to matriculate into the biology major, refer to the *Division of Math, Science, and Technology* section in the Farquhar College of Arts and Sciences portion of this catalog.

Request for Second Major

Pursuing a second major is a serious commitment and requires significant student responsibility. Students may graduate with a second subject or double major depending on the availability of courses and academic division schedules. Students who wish to declare a second major must inform their academic advisor.

A request for a second major may be made following completion of 30 credits towards a bachelor‘s degree and before 90 credits are earned towards a bachelor‘s degree. A student must have a cumulative grade point average of 2.5 or higher in order to declare a second major.

In order to declare a second major, students must complete a Request for Second Major Form, which requires signatures from department leadership in both areas of study. The Request for Second Major Form is a statement of student intent. The student is responsible for tracking requirements and prerequisites for both major programs, with guidance and assistance from departmental advisors. Both majors will be posted to the transcript at the time of conferral of the bachelor‘s degree. A second major will not be added to a transcript following conferral of degree.

Requirements for the second major, as for the first major, are based on the curriculum published in the NSU Undergraduate Student Catalog for the semester of the student‘s entry into the university. For majors subsequently added to the college, curriculum requirements are based on the catalog in effect during the semester the second major is declared.

Declaring and Conferral of Minors

Students may earn minors in any of NSU‘s colleges or schools that offer undergraduate minors. Most courses taken to fulfill general education and major requirements may also be used to satisfy minor requirements. Minors are conferred to students after all minor requirements have been met.

Students may request a minor following initial enrollment but before earning 90 credits. In order to declare a minor, students must complete a Request for Minor Form, including signatures from their home major department and the department hosting the minor. The Request for Minor Form is a statement of student intent. The university will strive to make courses available to complete the minor in a timely way; however, this is not always possible. A minor will be posted to the student‘s transcript at the time of conferral of the bachelor‘s degree. Minors will not be posted following conferral of the degree.

Changing Program Formats

Students who wish to change degree programs (e.g., Career Development Program to PALS Program, non-degree seeking to degree seeking, or from a campus-based to an online program) should contact their academic advisor. Transfer credit and scholarships awarded may not be applicable in all programs. Admission requirements, degree requirements, tuition, and policies may differ.

Changing Colleges within NSU

Students who wish to change their major to another housed in a different college or school within Nova Southeastern University should contact their academic advisor for more information about this process.

Earning a Second Bachelor's Degree

Individuals who already hold a bachelor's degree from an accredited institution, including NSU, may earn a second bachelor's degree from NSU by completing a minimum of 30 additional credits toward the second degree at NSU. At least 50 percent of major requirements must be taken at NSU.

Disability Services

Student Disability Services in the Office of Student Affairs provides information and individualized accommodations for students with identified disabilities. To be eligible for disability-related accommodations, students must have a documented disability as defined by applicable federal and state laws. Accommodations are available to students whose disabilities include, but are not limited to:

- Attention Deficit/Hyperactivity Disorders (ADHD)
- Learning Disabilities

- Psychological Disorders
- Visual Impairments
- Hearing Impairments
- Mobility Impairments
- Chronic Health Disorders

Nova Southeastern University complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 by providing reasonable accommodations for individuals with a documented disability. It is the mission of the Office of Student Disability Services to provide accommodations, support services, and auxiliary aids to qualified students with disabilities to ensure equal and comprehensive access to University programs, services, and campus facilities.

For information about Student Disability Services, call (954) 262-7189 (800-541-6682, ext. 27189) or go to *www.nova.edu/disabilityservices*, where students may submit inquiries by selecting "Contact Us."

Dropping and Adding Classes

During the drop and add periods, students may modify their schedule by changing classes. Students may withdraw from a class after the drop period has ended. However, the class will remain on their permanent transcript (see *Withdrawal*). Dropping a course may result in a refund for tuition paid and will not negatively affect GPA. However, this action may drop a student below half-time or full-time status, which may affect eligibility for grant aid, loans, and scholarships awarded prior to the drop. This may cause a reduction in certain types of financial aid, which may result in a higher balance due. For students completing a bachelor of science degree in nursing, the number of credits constituting half-time or full-time enrollment may vary. All other students are considered half-time at 6–11 credits and full-time at 12 credits or above. If any refunds have been disbursed before a change of enrollment status, the student should speak to a financial aid officer about the financial obligations of the change. Student athletes should also contact the athletic compliance officer. For refund policies related to courses dropped, refer to the *Tuition* section of this catalog.

Dropping All Courses Prior to the Semester

Students who intend to drop all of their courses for an upcoming semester may not process the full drop through WebSTAR. Students must contact their academic advisor to process the full drop.

College of Allied Health and Nursing

Students of the College of Allied Health and Nursing are encouraged to contact their program director prior to dropping all courses.

Drop and Add Periods

College of Allied Health and Nursing

Bachelor of Health Science—Online Program
Students enrolled in the Bachelor of Health Science—Online Program may add or drop courses on WebSTAR until the tenth calendar day from the beginning of the term. No academic or financial penalties will be assessed during that time frame. No grade notation will be entered on the transcript. No classes may be added or dropped after the tenth calendar day of the term. Dropping a course may affect the loans, scholarships, or grant aid that has been awarded prior to the drop. A student may have tuition refunded when dropping a course; however, this may cause a reduction in certain types of financial aid, which can result in a balance due.

Sequential Programs
The Bachelor in Health Science—Vascular Sonography Program, the Bachelor of Science in Nursing—Entry-Level Track, and the Bachelor of Science in Nursing—R.N. to B.S.N. Track are sequential programs with lockstep coursework.

Bachelor of Health Science—Vascular Sonography Program
Students in the B.H.Sc.—Vascular Sonography Program are not allowed to drop classes, since the curriculum must be taken concurrently and in a specific sequence, according to the program requirements. Students enter the program, take the common set of courses in sequence, and graduate together. If a student fails a core sonography course, he or she may be dismissed from the program. If the student is otherwise in good academic standing, remediation may be provided or the student may be required to repeat the course in the following year. Students will not be allowed to begin their clinical training unless all BSV courses are passed with a C or better. Students who experience extenuating circumstances may request a Leave of Absence (refer to the Leaves of Absence section within *Withdrawals from the University*).

Bachelor of Science in Nursing Programs
Students completing a bachelor of science degree in nursing may drop a course in the first week of class. Students who would like to drop a nursing course should make an appointment to see the program director prior to processing the drop. The program director can answer specific questions about tuition refunds and policy guidelines.

Both undergraduate nursing programs entail sequential, lockstep coursework. Therefore, students must complete the dropped course before advancing in the program. Students who wish to be readmitted to a nursing course must notify the program director at least one term prior to their desired re-entry date. Every effort will be made to accommodate their desire for re-enrollment. Re-enrollment in clinical courses is on a space-available basis. Because the second enrollment is the last time for students to successfully accomplish course objectives, they are encouraged to realistically assess those factors that inhibited their accomplishment during the previous enrollment (financial limitations, family obligations, personal concerns, reading skills, etc.). Only when such an assessment has been made and necessary corrective steps taken, should students attempt a nursing course for the second time.

If students are out of a program area for 12 months or longer, for purposes of re-entry they will be required to pass a test or tests measuring theoretical and/or clinical competencies.

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

For the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship, the first two weeks of each term comprise the drop and add periods.

During the drop and add periods, an academic advisor is required to process all transactions. During the first week, students may add and drop courses. Students who add classes after they have started are responsible for all course requirements. During the second week, students may only drop classes. Students who intend to drop all courses for a semester must meet with their academic advisor to process the full drop.

Dual Admission Programs

NSU offers dual admission to a select number of highly motivated, academically talented students interested in pursuing both an undergraduate degree and future graduate studies. After students complete their undergraduate requirements, they may complete their graduate or professional school requirements in one of the university's graduate or professional schools. Students accepted for dual admission have a seat reserved in the NSU graduate or professional school they have chosen. In addition, some of the dual admission programs are combined programs that enable students to complete both the baccalaureate degree and the professional degree, often in a reduced period. Students can reduce their number of years as an undergraduate and receive the baccalaureate degree after

completing a prescribed number of courses in professional school. These courses also count toward the graduate or professional degree. The Dual Admission Program is facilitated by the Farquhar College of Arts and Sciences.

Available Dual Admission Programs

Au.D. Audiology
Business
- M.S. Accounting
- M.B.A. Business Administration
- M.B.A. Business Administration, with a concentration in Entrepreneurship
- M.B.A. Business Administration, with a concentration in Finance
- M.I.B.A. International Business Administration
- M.P.A. Public Administration
- M.S./HRM Human Resource Management
- M.S.M. Leadership
- M.S. Taxation

M.S. Computer Information Systems
M.S. Computer Science
M.S. Conflict Analysis and Resolution
M.S. Criminal Justice
D.M.D. Dental Medicine
M.S. Education Master's Accelerated Program
M.S. Family Therapy
J.D. Law
M.S. Marine Biology
M.S. Mental Health Counseling
B.S. Nursing*
M.O.T. Occupational Therapy
O.D. Optometry
D.O. Osteopathic Medicine
Pharm.D. Pharmacy
D.P.T. Physical Therapy
M.M.S. Physician Assistant
Psychology
- Psy.S. School Psychology
- Psy.D. Clinical Psychology
- Ph.D. Psychology

Speech-Language and Communication Disorders
- M.S. Speech-Language Pathology
- S.L.P.D. Speech-Language Pathology

*The nursing undergraduate dual admission program leads into the bachelor of science degree in nursing in the College of Allied health and Nursing.

Dual Admission Requirements

Dual admission majors in the Health Professions Division are available to entering freshmen only.

Final admission into the graduate or professional school is contingent on completing the prescribed undergraduate course of study, maintaining the requisite grades, achieving specific scores on professional school admission tests, and, in some cases, a final interview with the graduate or professional school admissions committee. Undergraduate scholarships granted by any college or school do not carry over into graduate and professional programs.

For new students seeking information about dual admission programs, contact the Office of Undergraduate Admissions at (954) 262-8000 or at *admissions@nsu.nova.edu*. For current students seeking information about

dual admissions, contact the Office of the Dean in the Farquhar College of Arts and Sciences at (954) 262-8092 or email *dualadmit@nova.edu*.

Enrollment at Other Universities

Students enrolled at NSU are generally not permitted to be enrolled at other institutions at the same time. Once students enroll at NSU, they may not take courses at other colleges or universities for the purpose of earning an NSU degree without specific, written approval from their academic division. Written approval must be obtained before registering for a non-NSU course. Serious financial aid and transfer credit ramifications can occur if students are not properly advised. Only under unusual circumstances will permission be granted.

Students of the College of Allied Health and Nursing's bachelor of health science—online degree completion program may be permitted, with prior approval, to take courses at other regionally accredited institutions.

Students of the College of Allied Health and Nursing's nursing programs may not take required courses at any other college or university and transfer the credits in, once they have been matriculated into the program.

Students of the Fischler School of Education and Human Services, who are enrolled in the PALS Program, may be permitted, with prior approval, to take courses during the summer months at a regionally accredited institution outside of South Florida.

Students of the H. Wayne Huizenga School of Business and Entrepreneurship may request to take courses at a regionally accredited institution outside of South Florida or the area serviced by NSU's Student Educational Centers. These courses may only be used for elective credit or general education course credit.

Students may take no more than 10 percent of their remaining credits at another university. However, students must meet NSU's residency requirements as outlined in the *Graduation—Degrees, Diplomas, and Commencement* section. To request permission to take courses at other institutions, students must submit a Concurrent/Interim Enrollment Application, which can be obtained from their academic advisor, and provide catalog descriptions of the courses to their academic advisor prior to enrollment.

Financial Aid

The Office of Student Financial Assistance is dedicated to helping students make smart financial choices while they are in college. There are four types of financial aid available to assist students in meeting the cost of attending college: grants, scholarships, student employment, and loans. Grants and scholarships are considered "gift" aid, as they do not need to be repaid. Loans are considered "self-help" aid, as they need to be repaid. Student employment requires students to work in exchange for a pay check. Students interested in federal grants **must** complete the Free Application for Federal Student Aid (FAFSA) and meet general eligibility criteria. For more information on scholarships and grants, refer to the *Scholarships and Grants for Undergraduate Students* section of this catalog.

Financial Aid Planning

- Before the start of the term, students plan with their parents for how they will pay their balance, including books.
- The NSU financial aid Web site (www.nova.edu/cwis/finaid) contains financial aid information, including deadlines, scholarships, and other financial aid related Web sites.
- Students can check their award status on WebSTAR at www.webstar.nova.edu, using their NSU User ID and PIN (not the Department of Education PIN).
- Students should inform their financial aid counselor if they intend to withdraw completely from all classes.
- Students should inform the Office of Student Financial Assistance if they are receiving any additional financial assistance from sources external to the university. Financial aid awards are subject to change in the event that additional assistance is received, either from an outside source or from within the university.

- The application period for federal aid begins in January for the following academic year. Students can apply online through FAFSA on the Web at www.fafsa.ed.gov. The priority filing deadline is **April 15, 2009.**

General Education Program

The General Education Program is designed to foster critical skills by helping students develop the ability to solve problems, think analytically, and communicate clearly. The program provides a common connection among all NSU undergraduates through a rigorous set of writing, mathematics, humanities, and social, biological, and physical science requirements. As a result of the General Education Program, students develop effective communication skills in speaking, listening, writing, reading, and critical interpretation. The program also helps students place ideas in their proper context and appreciate the role of different cultural traditions.

General Education Program Mission Statement

Incorporating dynamic resources and methods in various settings, the general education curriculum at NSU provides opportunities for learners to emerge as thoughtful and responsible citizens prepared for a competitive global environment.

General Education Program Framework

All students are required to complete general education requirements. Students normally complete general education requirements by the end of their junior year through a series of courses in the areas of communication (including written communication and oral communication); mathematics; humanities (including literature, history, ethics, and general humanities); social and behavioral sciences; and biological and physical sciences.

Using General Education Credits for Major and Minor Requirements

Most courses may count toward both general education and major/minor requirements. Students should refer to their program curriculum and consult their academic advisor to determine which courses serve both sets of requirements.

General Education Learning Outcomes

Upon successful completion of the General Education Program, students are expected to:

1. Think critically by
   a. Solving problems
   b. Analyzing data and concepts
2. Communicate clearly by
   a. Speaking effectively
   b. Listening effectively
   c. Writing effectively
   d. Reading effectively
   e. Developing clear, coherent, and consistent interpretations
3. Place ideas in their proper context
4. Explain the key elements of a variety of cultural traditions

General Education Requirements

Nova Southeastern University requires that undergraduate students complete 30 credit hours as part of the General Education Program. Some majors have determined specific courses to be used to satisfy general education requirements. Students should consult the following curriculum requirements of their college or school and contact their academic advisor to determine their major's specific general education requirement list. Honors courses (with the HONR prefix) may be used to satisfy general education requirements of the appropriate general education section.

Students should refer to *Course Descriptions* for specific course prerequisites. Additionally, students should read the *Academic Requirements—New Students* section for information on eligibility to take college-level written composition and mathematics courses, which are required as part of the General Education Program.

Equivalent courses taken at an accredited community college or another university may be considered for a transfer of credit to fulfill a program's general education requirements.

College of Allied Health and Nursing

Students of the College of Allied Health and Nursing are required to complete 30 credit hours as part of the General Education Program.

Bachelor of Health Science—Online Program

In order to be eligible to graduate with the B.H.Sc. degree, a student must have completed 30 credit hours of general education coursework in addition to the B.H.Sc. curriculum with a resulting minimum total of 120 credit hours.

If all general education requirements are not met at the time of admission, they can be obtained concurrently while enrolled in the B.H.Sc. program. A student can obtain and transfer these courses through NSU's Farquhar College of Arts and Sciences or another regionally accredited college or university.
Effective January 1, 2006, prior to matriculation, all applicants must have completed a minimum of three credit hours (or the equivalent) of college-level written composition from a regionally accredited college or university, receiving a minimum grade of a C (GPA of 2.0 on a 4.0 scale).

To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

General Education	Credit Hours
Written Composition— Three credits above COMP 1000. *Must be completed prior to matriculation into the program.*	3
Mathematics— Three credits above MATH 1000.	3
Humanities— Six credits in any courses with a prefix of ARTS, HIST, HUMN, LITR, PHIL, SPAN, THEA, or WRIT.	6
Social and Behavioral Sciences— Nine credits in any courses with a prefix of ANTH, COMM, ECN, GEOG, GEST, GLBS, POLS, PSYC, or SOCL.	9
Biological and Physical Sciences— Nine credits in any courses with a prefix of BIOL, CHEM, ENVS, MBIO, or PHYS.	9
Total General Education Credit Hours	**30**

Bachelor of Health Science—Vascular Sonography Program

In order to be eligible to graduate with the Bachelor of Health Science—Vascular Sonography (B.H.Sc.) degree a student must have completed 30 credits hours of general education coursework in addition to the vascular sonography curriculum with a resulting minimum total of 126 credit hours. General education courses may be completed at any accredited community college or university.

Only courses with a minimum grade of a C (GPA of 2.0 on a 4.0 grading scale) will be accepted to fulfill general education courses. To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

General Education	Credit Hours
Written Communication— Three credits above COMP 1000.	3
Mathematics— Three credits above MATH 1000.	3
Humanities— Six credits in any courses with a prefix of ARTS, HIST, HUMN, LITR, PHIL, SPAN, THEA, or WRIT. Three credit hours of foreign language recommended.	6
Social and Behavioral Sciences— Nine credits in any courses with a prefix of ANTH, COMM, ECN, GEOG, GEST, GLBS, POLS, PSYC, or SOCL.	9
Biological and Physical Sciences— Nine credits in any courses with a prefix of BIOL, CHEM, ENVS, MBIO, or PHYS. Biology and anatomy and physiology recommended.	9
Total General Education Credit Hours	**30**

Bachelor of Science in Nursing—Entry-Level Track

Nursing students are required to complete 30 credit hours as part of the General Education Program. General education courses may be completed at any accredited community college or university. Dual enrollment students should follow the Farquhar College of Arts and Sciences' curriculum plan for Nursing Dual Admissions students. To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

General Education	Credit Hours
Written Communication— Any written communication course	3
Humanities— Any ARTS, HIST, HUMN, LITR, PHIL, THEA, or foreign language	3
Social and Behavioral Sciences— One PSYC, one SOCL, Human Growth and Development	9
Biological and Physical Sciences— Anatomy and physiology: at least six credit hours (five credit hours of anatomy and physiology with three credit hours of biology may be substituted) Chemistry: At least three credit hours Microbiology: At least three credit hours	12
General education elective— Any college-level COMP, MATH, PSYC, SOCL, ARTS, HIST, HUMN, LITR, PHIL, or foreign language course (courses beginning with 00 are not considered college level)	3
Total General Education Credit Hours	**30**

Bachelor of Science in Nursing—R.N. to B.S.N. Track

Nursing students are required to complete 30 credit hours as part of the General Education Program. General education courses may be completed at any accredited community college or university. To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

General Education	Credit Hours
Written Communication— Any written communication course	3
Humanities— Any ARTS, HIST, HUMN, LITR, PHIL, THEA or foreign language	3
Social and Behavioral Sciences— One PSYC, one SOCL, Human Growth and Development	9
Biological and Physical Sciences— **Credit with R.N. license.**	12
General education elective— Any college-level COMP, MATH, PSYC, SOCL, ARTS, HIST, HUMN, LITR, PHIL, or foreign language course (courses beginning with 00 are not considered college level)	3
Total General Education Credit Hours	**30**

Farquhar College of Arts and Sciences

Students of the Farquhar College of Arts and Sciences are required to complete 30 credit hours as part of the General Education Program. To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

General Education	Credits
Written Composition— Six COMP credits above COMP 1000	6
Mathematics— Six MATH credits above MATH 1000	6
Humanities— Six credits in any courses with a prefix of ARTS, HIST, HUMN, LITR, PHIL, SPAN, THEA, or WRIT	6
Social and Behavioral Sciences— Six credits in any courses with a prefix of COMM, ECN, GEOG, GEST, GLBS, POLS, PSYC, or SOCL	6
Biological and Physical Sciences— Six credits in any courses with a prefix of BIOL, CHEM, ENVS, MBIO, or PHYS	6
Total General Education Credits	**30**

Fischler School of Education and Human Services

Students of the Fischler School of Education and Human Services are required to complete 30 credit hours as part of the General Education Program. To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

A.A./ECE and BSCD Programs

General Education	Credits
Written Composition— COMP 1500 College Writing (3 credits) COMP 2000 Advanced College Writing (3 credits)	6
Mathematics— MATH 1030 Intermediate Algebra (3 credits) MATH 1040 Algebra for College Students (3 credits)	6
Humanities— HIST 1030 or 1040 American History (3 credits) Three credits in any humanities course with a prefix of ARTS, PHIL, COMM, HUMN, LITR, or THEA	6
Social and Behavioral Sciences— PSYC 1020 Introduction to Psychology (3 credits) PSYC 2350, 2360, 2370, or 2380 (3 credits)	6
Biological and Physical Sciences— BIOL 1100 Concepts and Connections in Biology (3 credits) PHYS 1020 Concepts in Physical Science (3 credits)	6
Total General Education Credits	**30**

Florida-Based Elementary Education, Exceptional Student Education, Prekindergarten/Primary Education, Secondary Education with a Concentration in Biology, andSecondary Education with a Concentration in Math Programs

General Education	Credits
Written Composition— COMP 1500 College Writing (3 credits) COMP 2000 Advanced College Writing (3 credits)	6
Mathematics— MATH 1040 Algebra for College Students (3 credits) MATH 1050 Geometry and Logic (3 credits)	6
Humanities— HIST 1030 or 1040 American History (3 credits) Three credits in any humanities course with a prefix of ARTS, PHIL, COMM, HUMN, LITR, or THEA	6
Social and Behavioral Sciences— PSYC 1020 Introduction to Psychology (3 credits) PSYC 2350, 2360, 2370, or 2380	6
Biological and Physical Sciences— BIOL 1100 Concepts and Connections in Biology (3 credits) PHYS 1020 Concepts in Physical Science (3 credits)	6
Total General Education Credits	**30**

FSEHS Programs in Nevada

General Education	Credits
Written Composition— COMP 1500 College Writing (3 credits) COMP 2000, 2010, or 2020 (3 credits)	6
Mathematics— MATH 1030 or higher (3 credits) MATH 1040 Algebra for College Students (3 credits)	6
Humanities— Six credits in any humanities course with a prefix of ARTS, PHIL, COMM, HUMN, LITR, or THEA	6
Social and Behavioral Sciences— PSYC 1020 Introduction to Psychology (3 credits) PSYC 2350, 2360, 2370, or 2380 (3 credits)	6
Biological and Physical Sciences— BIOL 1100 Concepts and Connections in Biology (3 credits) PHYS 1020 Concepts in Physical Science (3 credits)	6
Total General Education Credits	**30**

FSEHS Programs in Jamaica

General Education	Credits
Written Composition— COMP 1500 College Writing (3 credits) COMP 2000 Advanced College Writing (3 credits)	6
Mathematics— MATH 1030 or higher (3 credits) MATH 1040 Algebra for College Students (3 credits)	6
Humanities— Three credits in any LITR course PHIL 2000, 3010, 3180, or 3660 Ethics (3 credits)	6
Social and Behavioral Sciences— PSYC 1020 Introduction to Psychology (3 credits) Three credits in any PSYC course	6
Biological and Physical Sciences— ENVS 1100 Environmental Science I ENVS 1200 Environmental Science II	6
Total General Education Credits	**30**

H. Wayne Huizenga School of Business and Entrepreneurship

Students of the H. Wayne Huizenga School of Business and Entrepreneurship are required to complete 30 credit hours as part of the General Education Program. To fulfill general education requirements, students must complete 30 credit hours in accordance with the following criteria:

General Education	Credits
Written Composition— COMP 1500 College Writing (3 credits) Three credits above COMP 1000	6
Mathematics— MATH 1040 Algebra for College Students or higher (3 credits) MATH 3020 Applied Statistics (3 credits)	6
Humanities— WRIT 3150 Business Writing (3 credits) Three credits in any course with a prefix of ARTS, FILM, HIST, HUMN, LITR, PHIL, SPAN, THEA, or WRIT	6
Social and Behavioral Sciences— ECN 2020 Principles of Microeconomics (3 credits) ECN 2025 Principles of Macroeconomics (3 credits) PSYC 1020 Introduction to Psychology (3 credits)	9
Biological and Physical Sciences— Three credits in any courses with a prefix of BIOL, CHEM, ENVS, MBIO, or PHYS	3
Total General Education Credits	**30**

Grading System

College of Allied Health and Nursing

Grading Scale

Instructors assign grades based on criteria established in course syllabi.

Department of Health Science

Letter Grade	GPA Equivalent
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0 ***
C-	1.7
D+	1.3
D	1.0
F	0.0

Nursing Department

Letter Grade	GPA Equivalent
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0 ***
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0.0

*** Undergraduate programs in the College of Allied Health and Nursing stipulate that students earn a grade of C or better in all required courses, including prerequisite, general education, and core courses. Students who receive a

grade of C–, D+, D, D–, F, or W in one course must repeat the course and achieve a C or better. A subsequent grade of C–, D+, D, D–, F, or W in any course will result in dismissal from the program.

Clinical
Students must successfully complete all the components of the clinical evaluation for the course in order to receive a P in the course.

Transcript Notations
Failing grades will be included in calculating the GPA for that term and the cumulative GPA to that point. Unless otherwise specified under a particular program, if a student does not pass a course, the failing grade will be noted on the transcript. When the student successfully repeats the course, an E will be noted after the prior failing grade, and the failing grade will then be exempt from GPA calculation. The course will then appear a second time on the transcript with the passing grade indicated followed a notation of I, indicating this grade will be included in the calculation of the GPA.

When a student passes a course by a retake of the course, the minimum passing grade for that degree program will be recorded as the final grade followed by the notation R (e.g. 70R, 75R or 80R) on the transcript.

When a student passes a course by remediation examination, the minimum passing grade for that degree program will be recorded as the final grade followed by the notation E (e.g. 70E, 75E, or 80E) on the transcript.

Transcript Notations (in addition to numerical and alpha grades):

I	Incomplete
IF	Incomplete Fail
IP	Incomplete Pass/ In Progress
IW	Incomplete Withdraw
W	Withdrawal
WP	Withdrawal Passing
WF	Withdrawal Failing
WU	Administrative Withdraw
AU	Audit
P	Pass
PH	Pass with Honors
F	Fail
LE	Leave of Absence
E	Exempt from GPA (If a student successfully repeats or remediates by reexamination a failed course, an E may be noted after the prior failing grade, and the failing grade will then be exempt from GPA calculation)
I	Included in GPA (If a student successfully repeats or remediates by reexamination a failed course, an I may be noted after the prior failing grade, and the failing grade will then be included in GPA calculation)
70R	Remediation of Course (remediation through retake of course)
AP	Academic Probation
AW	Academic Warning
DA	Academic Dismissal
DC	Academic Misconduct Dismissal
AS	Academic Suspension
CE	Credit by Exam
CD	Conditional Dismissal
CL	CLEP
CP	Continued Probation
DI	Disciplinary Probation (may also be used to indicate issues related to unprofessional behavior)
DU	Disciplinary Suspension (may also be used to indicate issues related unprofessional behavior)
DE	Disciplinary Expulsion (may also be used to indicate issues related to unprofessional behavior)
EQ	Credit awarded based on prior experience
EX	Expelled
RA	Readmitted
RS	Reinstated

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Grading Scale

Instructors assign grades based on criteria established in course syllabi.

Letter Grade	Description	GPA Equivalent
A	Excellent	4.0
A-		3.7
B+		3.3
B	Good	3.0
B-		2.7
C+		2.3
C	Satisfactory	2.0
C-		1.7
D+		1.3
D	Marginal	1.0
F	Failure	0.0
W	Withdrawn Without Penalty	
I	Incomplete	
P	Pass	
NG	No Grade (not assigned by instructor)	
AU	Audit	

Grade Point Average and Quality Points

A student's academic standing for a specific semester or term is indicated by grade point average (GPA). The GPA is calculated based on letter grades and attempted credits. Overall academic standing is indicated by the cumulative GPA (CGPA). GPA calculations include NSU coursework only, based on the following formulas and definitions.

- Quality points = A letter grade‘s numerical GPA value MULTIPLIED BY the number of credits assigned to the course
- GPA hours = Attempted credits, excluding withdrawals, successfully-completed pass/fail courses, and incompletes
- Current semester or term GPA = The total number of quality points for the semester or term DIVIDED BY the total GPA hours for the semester or term
- Cumulative GPA (CGPA) = Total quality points DIVIDED BY total GPA hours

Grade Reports

Student grades are disseminated online via WebSTAR at *www.webstar.nova.edu*. Legal provisions prohibit the release of personally identifiable information to anyone other than legally authorized persons. Students are permitted to inspect, review, and challenge such information as provided by law.

Dean's List

Full-time students in the Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship who earn a GPA of 3.5 or higher in the fall or winter semester(s) qualify for the Dean's List. Students in the College of Allied Health and Nursing who receive a 90–94 percent GPA are placed on the Dean‘s List for that semester. Dean's List letters will be mailed to the students and a Dean's List comment will appear on their official transcript. Students with grades of I (incomplete) are not eligible for the Dean's List for that semester.

Chancellor’s List

Students in the College of Allied Health and Sciences who receive a 95 percent GPA or better are placed on the Chancellor‘s List for that semester. A letter of commendation is sent from the chancellor to the student, and the honor is recorded on the student‘s official transcript.

Incomplete

College of Allied Health and Nursing

Department of Health Science Incomplete Policy
A grade of incomplete (I) is issued because of unexpected emergencies, and must be made up within one semester, or sooner, following the final class date of the course, as stipulated by the course instructor. The course instructor will determine the method by which an incomplete. Students requesting extensions due to medical or military reasons are expected to provide official documentation. It is students‘ responsibility to consult the instructor and submit the Incomplete Grade Agreement Form (download available in B.H.Sc. student center) prior to the end of the course. The form must be signed by the student, instructor, and the B.H.Sc. program director. Students must have successfully completed 50 percent of the assignments prior to course end and prior to requesting an incomplete grade. Instructors will not accept assignments received after the date indicated on the agreement, and students‘ grades will be assigned according to the work they completed by the end of the course. A grade of I cannot be given if less than 50 percent of the assignments have been completed by the official end date of the course. An incomplete grade that has not been changed by the official date in this agreement will be converted to an F.

Nursing Department Incomplete Policy
When a student has failed to complete the requirements of a course, the student may be given an Incomplete or I grade.

- An Incomplete grade is submitted when the student‘s work in a course is incomplete and the student has obtained the faculty member‘s permission to finish the course after the conclusion of the term.
- An Incomplete is normally given only where extenuating circumstances exist or where research or performance needs to be extended beyond the normal limits of the term and the student is likely to pass the course. Students who claim extenuating circumstances will be referred to the Committee on Student Progress for a decision.
- Students may request a grade of Incomplete only after the drop/ withdraw date has passed. The decision to grant such a request will rest with the individual course faculty member. Students have an opportunity to appeal the decision, if it is negative, to the program director. The decision of the program director is final.
- If the decision is reached to grant an Incomplete, this must be accompanied by a written and signed agreement between the faculty member and the student. The agreement form will contain the following points:
    - The time period in which the course requirements must be completed. This work must be completed by the last day of the next major term (fall or winter). No further extension is possible.
    - The specific requirements that must be completed and the manner in which they are to be completed. (Include some reference to grading criteria.)
    - A provision that if the requirements have not been met by the end of the next major term, a grade of F will be recorded as the grade for the course.
- A student cannot remove an Incomplete by registering in a subsequent term to retake the course.

- A student who is failing the course at the time extenuating circumstances prevent continuing will not be granted an incomplete grade. Students who claim extenuating circumstances will be referred to the Committee on Student Progress for a decision.

Farquhar College of Arts and Sciences,
Fischler School of Education and Human Services, and
H. Wayne Huizenga School of Business and Entrepreneurship

An incomplete grade (I) is awarded only in unusual circumstances. An incomplete grade may be given only when a student has satisfactorily completed at least 50 percent of the work in a course and when all remaining requirements can be completed within an agreed upon amount of time following the end of the course. In no event may such time exceed 16 weeks. If the student does not complete the coursework within the agreed upon time period, the incomplete automatically changes to the grade earned based on the work accepted by the instructor to date. A grade of zero will be factored in for any missing work. A student who is absent at the final examination without prior approval is normally not eligible to receive an incomplete grade.

Incomplete grades will be awarded before the end of the course upon the satisfaction of the following conditions:

1. The student has made a request of the instructor.
2. The student, the instructor, and the academic director/assistant dean have signed the contract for removal of an incomplete grade or agreed on its conditions via email.

Optional Pass/Fail

Students in good academic standing may register for two electives outside their major, minor, or certificate program on a pass/fail basis. A pass/fail registration will not convert back to a normal registration (i.e., cannot be counted in the GPA). A failing grade will be reflected in the student's GPA.

Graduation—Degrees, Diplomas, and Commencement

Degree Conferral

Students are eligible for graduation when they meet the requirements listed in the NSU Undergraduate Student Catalog in effect when they entered the university, unless a prior request to follow a more recent catalog has been approved. Degrees are conferred once per month, by the university's Board of Trustees once students have met all the criteria for graduation. Once degrees have been conferred, transcripts and diplomas showing the awarding of the degree are sent to students by mail. Students must complete a degree application in order to be eligible for degree conferral.

Diplomas

The diploma indicates that the student has earned a degree (for example, bachelor of arts degree or bachelor of science degree). The diploma does not indicate major. The academic transcript, the official record of work at NSU, indicates degree or certification earned, major field of study, and minor, if any.

Graduation with Distinction

A student eligible for graduation with a cumulative grade point average of 3.8 or higher, and who has completed at least 54 credits at NSU, is eligible to receive the degree with distinction. Petitions for exceptions to this policy should be submitted to the following offices:

- College of Allied Health and Nursing—Program director
- Farquhar College of Arts and Sciences—Dean (The decision of the dean is final.)
- Fischler School of Education and Human Services—Director of undergraduate enrollment and recruitment

- H. Wayne Huizenga School of Business and Entrepreneurship—Assistant dean of program administration

There are no special ceremonies at Commencement for students graduating with distinction. However, a notation will be added to the student's diploma and official transcript.

Graduation with Honors—College of Allied Health and Nursing

Bachelor of Health Science—Online Program

A student eligible for graduation with a cumulative grade point average of 3.8 or higher completed at least 54 credits at NSU is eligible to receive the degree with distinction. Students who have earned fewer than 54 credits at NSU may petition for graduation with if they have maintained at least a 3.8 GPA in all coursework accepted toward their degree at NSU. Degree candidates must complete all of the requirements as specified above.

Bachelor of Health Science—Vascular Sonography Program

A student eligible for graduation with a cumulative grade point average of 3.8 or higher completed at least 96 credits at NSU is eligible to receive the degree with distinction. Students who have earned fewer than 96 credits at NSU may petition for graduation with if they have maintained at least a 3.8 GPA in all coursework accepted toward their degree at NSU. Degree candidates must complete all of the requirements as specified above.

Bachelor of Science in Nursing Programs

Students with a cumulative GPA of 4.0 will receive a diploma inscribed with highest honors. Students with a cumulative GPA of 3.70–3.99 will receive a diploma inscribed with honors.

Commencement

College of Allied Health and Nursing

Bachelor of Health Science—Online Program
Attendance of graduation ceremonies is not a requirement for distance education students. It is, however, an option that the department encourages and that takes place once a year (in August). Please contact the department coordinator for more information.

Graduation fees:

- $75 covers all final costs including degree printing, distribution, and recording.
- A graduation and diploma fee of $225 will be incurred by those students who elect to participate in the formal, on-campus graduation ceremony (not required).

Bachelor of Health Science—Vascular Sonography Program
Students earning the bachelor of health science in vascular sonography degree are required to participate in the college graduation ceremony held during the month of August. The college will provide each student with the caps and gowns that will be worn during the graduation ceremony. In addition to the ceremony, there is a dinner for graduates and their families.

Graduation fees:

- $225 graduation and diploma fee

Nursing Department
Students earning the bachelor of science in nursing degree are required to participate in the college graduation ceremony held during the month of August. The college will provide each student with the caps and gowns that will be worn during the graduation ceremony. In addition to the ceremony, there is a dinner for graduates and their families. The Nova Southeastern University nursing pin, which can only be purchased by NSU nursing program graduates, will be available for order during students‘ last nursing course.

Nursing students will be notified close to the end of the program of time and dates to fill out paperwork for graduation. **Remember, it is the student's responsibility to apply for graduation. Attendance at graduation is mandatory.** Picture times will be scheduled through the department.

Farquhar College of Arts and Sciences,
Fischler School of Education and Human Services, and
H. Wayne Huizenga School of Business and Entrepreneurship

Commencement is held once per year in May. It is not necessary for students to attend Commencement to have their degrees conferred. Degrees are conferred throughout the year.

Graduation Requirements

Minimum Graduation Requirements

College of Allied Health and Nursing

In order to be eligible for a degree from the College of Allied Health and Nursing, all students shall:

1. Successfully complete all academic courses and requirements for the degree
2. Have satisfactorily completed the program of study required for the degree with a minimum grade point average as established by the individual degree programs
3. Have satisfactorily discharged all financial and library obligations
4. Attend in person the rehearsal and commencement program at which time the degree is conferred (This is mandatory except in the case of distance-based programs.)
5. Receive recommendation from the department chair and approval by the dean

In addition to the above minimum requirements, each program has specific graduation requirements.

Bachelor of Health Science—Online Program:

- Satisfactorily complete the program of 30 semester hours (minimum) of study in the B.H.Sc. major required for the degree (not including CLEP, proficiency examinations, or experiential learning credits)
- Completion of general education, major, and elective requirements as specified by the program at time of admission resulting in a minimum total of 120 semester hours
- Attainment of a 2.0 cumulative grade point average
- Attainment of a 2.25 grade point average in the major area
- Submission of a degree application form before completing registration for the last semester
- Fulfillment of all obligations to the library, the student's program, and the bursar's office

Bachelor of Health Science in Vascular Sonography:

- Completion of general education, major, and elective requirements as specified by the program at time of admission resulting in a minimum total of 120 semester hours
- Attainment of a 2.0 cumulative grade point average
- Submission of a degree application form before completing registration for the last semester
- Fulfillment of all obligations to the library, the student's program, and the bursar's office
- Recommendation by the director of the B.H.Sc.—Vascular Sonography Program to the dean of the College of Allied Health and Nursing

Bachelor of Science in Nursing:

- Satisfactorily complete all courses within the program of study required for the degree with a C or better
- Attainment of a 2.0 cumulative GPA
- Fulfillment of all obligations to the university
- Successfully complete all didactic and clinical coursework

Entry-Level Students

- Students will be required to successfully complete one or more diagnostic exams that will measure the readiness to successfully complete the NCLEX-RN examination and a review course for the NCLEX-RN examination prior to receiving the final practicum course grade in NUR 4180. The requirements for final exit from the program will be given to students, in writing, at the beginning of their second year in the program.
- During students' enrollment in the semester in which they are scheduled to complete all of the program requirements, students are responsible for applying for graduation and to the Florida Board of Nursing to sit for the National Council Licensure Exam for Registered Nurse Practice (NCLEX-RN). Students will be required to submit the completed applications for licensure and the NCLEX-RN exam with accompanying checks to the program director before receiving grades for the final course.

R.N. to B.S.N. Students

- Students will meet with the program director prior to completion of the last nursing course.

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

All degree-seeking students must be matriculated and complete the minimum credits as designated by their chosen major. The following conditions are also required:

1. Admission as a degree-seeking candidate in one of the majors
2. Completion of General Education Program requirements
3. Completion of at least 120 credits, including major, minor, general education, specialization, concentration, and electives coursework, as specified by program requirements
4. Attainment of a 2.0 cumulative grade point average *
5. Attainment of a 2.25 grade point average in the major area *
6. Attainment of a 2.25 grade point average in minors, if selected or required by program
7. Completion, at NSU, of at least 30 credits (not including CLEP, proficiency examinations, or prior experiential learning credits)
8. Completion of at least 50 percent of the credits in the major area and minor at NSU (not including CLEP, proficiency examinations, or prior experiential learning credits)
9. Submission of a degree application form and payment of the diploma fee
10. Fulfillment of all obligations to the library, the student's program, and the Bursar's Office

* Degree-seeking students in the Fischler School of Education and Human Services must attain a 2.5 cumulative grade point average and a 2.5 grade point average in the major area.

Farquhar College of Arts and Sciences—Applied Professional Studies Degree Program

To complete the applied professional studies degree program, students must satisfy the following requirements:

1. Complete a minimum of 30 credits at NSU;
2. Complete a minimum of 18 credits in concentration II at NSU;
3. Earn a minimum of 24 credits at or above the 3000 level;
4. Complete the general education requirement;
5. Earn 120 credits toward the bachelor of science degree with a minimum cumulative GPA of 2.0 and a minimum major GPA of 2.25.

Honor Societies, Academic Organizations, and Institutes

This section includes undergraduate organizations and institutes affiliated with Nova Southeastern University.

Honor Societies

Alpha Chi
Alpha Chi is an academic honor society with more than 289 chapters in the United States. To qualify for Alpha Chi, students must be juniors or seniors, complete a minimum of 24 credits at NSU, and be in the top 10 percent of their major. Qualifying students are invited to join once a year. Membership in Alpha Chi includes eligibility to compete for local and national scholarships. Contact the Office of the Dean in the Farquhar College of Arts and Sciences.

Alpha Phi Sigma
Established in 1942, Alpha Phi Sigma is recognized by both the Academy of Criminal Justice Sciences and the Association of College Honor Societies as the National Criminal Justice Honor Society. NSU's chapter, Omega Tau, includes members from both the undergraduate major and the master of science program. The mission of Alpha Phi Sigma is to promote critical thinking, rigorous scholarship, and life-long learning; to keep abreast of the advances in scientific research; to elevate the ethical standards of the criminal justice professions; and to sustain in the public mind the benefit and necessity of education and professional training. Alpha Phi sigma is the largest and only official criminal justice honor society in America.

Beta Beta Beta
Beta Beta Beta (TriBeta) is a society for students, particularly undergraduates, dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research. To join the NSU chapter (Rho Rho) as a regular member, a student must be a biology major, have an overall GPA of 3.2, at least three biology courses completed (one of which is above the introductory level), an average of 3.0 or higher in all biology courses, and 45 credits or more completed toward a degree. Anyone with an interest in biological sciences may join as an associate member. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Chemical Sciences Honor Society
The Chemical Sciences Honor Society brings together students with high academic achievement in the sciences to promote science awareness at NSU and help other students who have difficulty mastering chemistry. A minimum 3.3 GPA in science courses is required for admission into the society. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Kappa Delta Pi
Kappa Delta Pi, International Honor Society in Education, is dedicated to scholarship and excellence in education. The society is a community of scholars dedicated to worthy ideals: recognize scholarship and excellence in education, promote the development and dissemination of worthy educational ideals and practices, enhance the continuous growth and leadership of its diverse membership, foster inquiry and reflection on significant educational issues, and maintain a high degree of professional fellowship. The Kappa Delta Pi Educational Foundation and local chapters award more than $100,000 annually in scholarships for academic study to active members who are undergraduate, graduate, or doctoral degree-seeking students.

Lambda Epsilon Chi
Nova Southeastern University maintains a charter membership in Lambda Epsilon Chi (LEX), the national honor society for paralegal/legal assistant studies. The purpose of LEX is to recognize those who have demonstrated superior academic performance in an established program of paralegal studies offered at an institution that is an institutional member in good standing of the American Association for Paralegal Education (AAfPE). Students are inducted into LEX twice a year. To be eligible for induction, a student must have successfully completed two-thirds of the program requirements and have a cumulative grade point average of 3.5 or higher. Contact the Division of Social and Behavioral Sciences in the Farquhar College of Arts and Sciences.

Lambda Pi Eta
Lambda Pi Eta (LPH) is the honor society of the National Communication Association. NSU's Upsilon Zeta chapter of LPH was chartered in 2005. To be eligible for membership, students must be communication studies majors with a minimum of 60 earned credit hours, a cumulative grade point average of 3.0, at least 12 earned credit hours in communication studies major courses with at least a 2.5 grade point average in those courses, and be in the top 35 percent of their class. Contact the Division of Humanities in the Farquhar College of Arts and Sciences.

Psi Chi
Psi Chi, the U.S. national honor society in psychology, promotes excellence in scholarship and advances the science of psychology. Membership is open to undergraduate students who meet minimum academic qualifications. Contact the Division of Social and Behavioral Sciences in the Farquhar College of Arts and Sciences.

Sigma Beta Delta
The purposes of Sigma Beta Delta are to encourage and recognize scholarship and achievement among students of business, management, and administration, and to encourage and promote personal and professional improvement. To be eligible for membership, a business student must rank in the upper 20 percent of the graduating class and be invited to membership by the faculty officers. Each year, students are notified by mail if they meet the criteria to join Sigma Beta Delta. Contact the H. Wayne Huizenga School of Business and Entrepreneurship.

Sigma Tau Delta
Alpha Lota Nu is NSU's chapter of Sigma Tau Delta, the international English honor society. Sigma Tau Delta's goals are to recognize academic excellence of students of the English language and literature, as well as the accomplishments of professional writers. In order to be eligible for membership, students must be an English major or minor, have a minimum of a B average in English courses, rank at least in the highest thirty-five percent of their class, and have completed at least three semesters of college work. Contact the Division of Humanities in the Farquhar College of Arts and Sciences.

Academic and Pre-Professional Organizations

Nova Southeastern University supports a diverse group of student organizations. For more university organizations, including Greek organizations and social, athletic, and service clubs, refer to the NSU Student Handbook.

Accounting Club
The Accounting Club seeks to expose students within the major to the real world necessities required of the field, and actively promotes jobs and internships offered by locally affiliated organizations. The Accounting Club also embarks on community service projects, such as free tax preparation for underprivileged members of society, plus social events and other relationship building activities.

Alpha Kappa Psi
Alpha Kappa Psi is an international co-ed professional business fraternity (for both men and women) standing for the highest ideals of conduct and achievement in university and professional life. Members include undergraduate, masters and doctoral students. Alpha Kappa Psi's core values are brotherhood, knowledge, integrity, service and duty.

Association of Computing Machinery
The NSU student chapter of the Association of Computing Machinery is committed to exposing members and the general community to developments in the world of information technology and computing. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Astronomy and Rocket Club
The Astronomy and Rocket Club provides a forum for students and community members interested in astronomy and space-related issues. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Athletic Training Student Organization
The Athletic Training Student Organization is the pre-professional organization for athletic training students. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Communication Arts Club
The Communication Arts Club is a social and community service organization for students interested in communication studies and related fields. Contact the Division of Humanities in the Farquhar College of Arts and Sciences.

Criminal Justice Club
The Criminal Justice Club meets monthly to discuss matters important to the practice of criminal justice and issues of concern to criminal justice majors, minors, and all other students. Additionally, the club and its members sponsor practitioner speakers on campus, trips to agencies and facilities, charity drives and benefits, internship and employment seminars and exciting student gatherings. The Criminal Justice Club welcomes students from any major or program on campus. Contact the Division of Social and Behavioral Sciences in the Farquhar College of Arts and Sciences.

Honors Student Association
The Honors Student Association serves as the social organization for the Undergraduate Honors Program community. Contact the Office of the Dean in the Farquhar College of Arts and Sciences.

Marine Ecophysiology Research Society
The Marine Ecophysiology Research Society provides a forum for issues related to marine ecology. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

NSU Florida Nursing Students Association
Membership is required in the Florida Nursing Student Association (FNSA) for all students enrolled in the entry-level B.S.N. program. FNSA is the official liaison between the Nursing Department and the Student Government Association.

Paralegal Society
The Paralegal Society is open to all students and serves to provide members the experience necessary to be marketable and competitive in the legal field, prepare members for postgraduate studies, and provide a forum for legal professionals to educate and inform members. Contact the Division of Social and Behavioral Sciences in the Farquhar College of Arts and Sciences.

Phi Alpha Delta (co-ed pre-law fraternity) and Mock Trial Club
Phi Alpha Delta is a social and pre-professional organization serving students interested in a law career. Contact the Division of Humanities in the Farquhar College of Arts and Sciences.

Pre-Dental Society
The Pre-Dental Society serves as a source of information for students pursuing a career in dentistry and assists students in formulating well-defined and realistic strategies for gaining admission to dental school. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Pre-Medical Society
The Pre-Medical Society serves as a source of information for students pursuing a career in medicine and assists students in formulating well-defined and realistic strategies for gaining admission to medical school. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Pre-Pharmacy Society
The Pre-Pharmacy Society serves as a source of information for students pursuing a career in pharmacy and assists students in formulating well-defined and realistic strategies for gaining admission to pharmacy school. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Psychology Club
The Psychology Club serves as a social organization and forum for students interested in psychology, regardless of major. Contact the Division of Social and Behavioral Sciences in the Farquhar College of Arts and Sciences.

Society of Physics Students
The Society of Physics Students (SPS), a chapter of the national student organization sponsored by the American Institute of Physics (AIP), serves students interested in physics, regardless of major. Contact the Division of Math, Science, and Technology in the Farquhar College of Arts and Sciences.

Spanish Club
The Spanish Club serves as a social organization for students interested in Spanish language and cultures. Contact the Division of Humanities in the Farquhar College of Arts and Sciences.

Institutions

Lifelong Learning Institute
The Lifelong Learning Institute (LLI), formerly known as the Institute for Learning in Retirement (ILR), is a department in the Farquhar College of Arts and Sciences that provides a variety of continuing education activities for older adults. The LLI combines structured lifelong learning, through classroom and field trip activities, with outreach activities within the university and beyond in the Broward County community. Programs feature faculty members from the Farquhar College of Arts and Sciences and other NSU colleges and centers; peer study-group leaders; and prominent visiting experts in the humanities, sciences, health care, government, and other fields. The lives of LLI members are enriched through the support of many faculty members, staff, and students, coupled with the cooperation of community service organizations, intergenerational programs, and diverse volunteer opportunities. The LLI creates a unique, welcoming social environment, one that fosters intellectual challenge and stimulation and that is balanced by entertainment and companionship. For more information about LLI programs and membership, email *ilr@nsu.nova.edu*, or call (954) 262-8471 or (954) 262-8472.

Honors Program

The Undergraduate Honors Program fosters intellectual community both within and across academic disciplines by offering special coursework, reading groups, and workshops to help students prepare for graduate school, advanced research, study abroad, and post-baccalaureate fellowships. The Undergraduate Honors Program is divided into general honors and divisional honors. Academically talented and motivated students are encouraged to apply to honors programs. The Undergraduate Honors Program is facilitated by the Farquhar College of Arts and Sciences.

General Honors Program

The General Honors Program of intensive seminars and honors-level general education classes is designed for freshmen and sophomores. Entering students are invited to participate in the General Honors Program on the basis of prior academic performance. Approximately 10 percent of each year's entering student class is invited to participate. Admission to the university is a prerequisite for admission to the program. Participants are required to complete 15 credits of Honors coursework, including Honors seminars and honors-level general education classes. Citation requirements for the Undergraduate Honors Program must be completed at NSU. All Honors courses will be noted on the student‘s permanent transcript and students who successfully complete the requirements of the General Honors Program will be recognized for their accomplishment. In order to receive an Honors citation, students must hold a cumulative GPA of 3.4 or higher at the time of graduation.

Divisional Honors Program

The Divisional Honors Program of directed study is geared toward juniors and seniors, allowing them to pursue independent research with faculty mentors. Students in the Divisional Honors Program work on an undergraduate research project under the direction of a faculty advisor. The program is open to juniors and seniors invited to participate according to criteria established by each academic program. Participation in the General Honors Program is not a prerequisite for the Divisional Honors Program. All Honors courses will be noted on the student‘s permanent transcript and students who successfully complete the requirements of the Divisional Honors Program

will be recognized for their accomplishment. In order to receive an Honors citation, students must hold a cumulative GPA of 3.4 or higher at the time of graduation.

Co-Curricular Honors Community

Students in the Undergraduate Honors Program connect classroom experience with experiences outside the classroom, including travel study, social activities, speakers series, and campus events.

For more information about the Undergraduate Honors Program, contact the Office of the Dean in the Farquhar College of Arts and Sciences at (954) 262-8408.

Internships

Students may earn credit for internships that complement and enhance their academic programs, including internships in science, business, government, and the arts. Students interested in pursuing internships should contact their academic advisor or the Career Resource Center for more information.

NSU Student Handbook

The NSU Student Handbook addresses general university policies for NSU students, including student life, student rights and responsibilities, university policies and procedures, and NSU resources. The NSU Student Handbook is located at *www.nova.edy/cwis/studentaffairsforms/ustudenthandbook.pdf.*

Office of Academic Services (OAS)

The Office of Academic Services supports the academic progress of all NSU undergraduate students. Among the various services offered by the office are individualized tutoring in writing, mathematics, and science, as well as a diverse array of testing services.

Tutoring

Students can receive one-on-one tutoring in writing, math, science, and selected business courses. Tutoring sessions last 45 minutes. Writing tutoring covers all phases of the writing process from brainstorming to editing to APA/MLA formatting. Tutors do not edit papers for students. Instead, the focus is on working through a portion of the paper to improve writing skills and help the students become more independent writers.

The Office of Academic Services also offers valuable supplemental resources and services, such as:

- a complete library of math DVDs available for weekly check-out
- a reference library of solution manuals for math and science courses
- a web site, which features links to additional academic support materials that include writing and study skills handouts, as well as APA and MLA formatting guidebooks
- a variety of workshops covering academic success skills.

For more information about tutoring services, call OAS at (954) 262-8350 or visit the Web site at *www.undergrad.nova.edu/AcademicServices*.

Testing

Incoming undergraduate students in consultation with their academic advisors may request to take challenge exams in writing, mathematics, and chemistry. Other course equivalent examinations available to the students are the College-Level Examination Program (CLEP), DANTES subject standardized tests, and New York Proficiency Testing in Foreign Languages. For more information about testing services, call OAS at (954) 262-8374 or visit the Web site at *www.undergrad.nova.edu/AcademicServices*.

Online Course Access and WebCT

Nova Southeastern University handles much of its business online. The NSU Web site *www.nova.edu* provides links for current students to access most of the NSU services.

Distance Education Support

Distance education students are provided with NSU computer accounts including email. Students, however, must obtain their own Internet service providers (ISP) and use their own computer systems (IBM-compatible PC or Apple Macintosh and an internet connection). New students receive an orientation and extensive online technical support online access, online tools and methods, and library resources.

Online interactive learning methods involve web-based course materials, the electronic library, and online activities that facilitate frequent student-professor interaction. Faculty members and students interact via online forums using threaded discussion boards, chat rooms, and email. Students submit assignments through the web-based learning environment WebCT.

Online students have access to books, journal articles, microfiche, dissertations, index searches, catalog searches, and reference librarians. The online medical database collection at NSU is extensive and includes access to quality subscription services free of charge to the student.

WebCT

WebCT is a secure course management platform for developing and delivering interactive courses and its components over the Web. Students are granted access to WebCT based on registration for online courses. Students must use their NSU email login and password in order to log in to their courses posted on WebCT. All online students must use the WebCT platform when communicating with their program. Course communication will be done through the particular course that the student is attending. Make sure to check this email account frequently. The WebCT login can be accessed through *www.nova.edu/webct.*

WebMail

All official NSU business, such as information on accounts, financial aid, class emails, etc., is done through students' NSU email accounts. Once students are officially accepted into the program they must request an NSU email account online by visiting the NSU Office of Information Technology Web site at *www.nova.edu/cwis/oit/services.html*, clicking on the link "Create Your Email" and following the directions to request a new email account.

WebSTAR

WebSTAR provides students with online access to check on course availability, register, check their grades, or check their accounts. Students will use their student ID and receive a special Personal Identification Number (PIN) to access WebSTAR. It will come to the mailing address listed as the local address at NSU. Students can change their PIN to a password of choice if desired. Students may also set a password reminder.

Orientation

College of Allied Health and Nursing

Orientation for students of the College of Allied Health and Nursing is organized through the Health Professions Division's Office of Admissions and Student Services at (954) 262-1101. New student orientation for the Bachelor of Health Science—Online Program is available online before the start of the semester by means of WebCT, NSU's central system for delivering online courses.

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

The Office of New Student Orientation is a resource center for entering undergraduate students and their families. The office coordinates all orientation programs for new undergraduate students on main campus. Students attending classes at one of the university's off-campus student educational centers should contact their center for orientation programs. Online students participate in an online orientation. Information is available at *www.nova.edu/studentorientation* or by calling (954) 262-8050.

Pre-Degree Granting Programs

Nova Southeastern University offers three pre-degree granting programs, for students who have not yet chosen a major or who do not meet the matriculation requirements of their desired major, but are working toward that goal. These programs are administered by the Farquhar College of Arts and Sciences.

Deciding Program

Many students have not decided which program of study or career path to follow when they enter college. Many change their minds more than once during their college education. Through the Deciding Program, NSU faculty and staff help students choose a career path and select a major. Students have the opportunity to explore a variety of interests before declaring a major field of study.

Students who do not select a major program during the admissions process are considered "deciding." All students, including transfer students, must declare a major by the completion of 60 credits. Deciding students and students who wish to change their originally declared major should contact their academic advisor.

General Science Program

The General Science Program is for students interested in pursuing a biology degree. The program provides courses that allow exploration of diverse professional science careers and possible undergraduate majors to support those careers. General Science Program students are advised about appropriate course selection that will help them successfully matriculate into biology and other majors.

Students in the General Science Program will be evaluated after successful completion of 30 credits at NSU, and are required to successfully complete SCIE 1000, BIOL 1100, MATH 1040 (and prerequisite), and COMP 1000. Students may place into higher-level MATH, COMP, and BIOL courses. Students who have successfully completed this coursework, earned 30 credits at NSU, and maintained a cumulative GPA of 2.75 or higher may matriculate into the biology major.

Students who have not met these criteria may remain in the General Science Program only until a total of 60 credits have been earned toward a bachelor's degree (including non-NSU credits). At that time, students must select an alternative degree-granting major. Students may also transfer at any time, with the assistance of their academic advisor, into degree-granting majors other than biology.

Pre-Nursing Program

The Pre-Nursing Program is available to all students who wish to apply for the bachelor of science in nursing program. The Pre-Nursing Program is a select dual admissions program into which students may apply upon acceptance to NSU. Pre-nursing students are enrolled with the Farquhar College of Arts and Sciences and must abide by all of the college's policies. While at the college, students are eligible for all PALS scholarships. Any scholarship specific to students of the Farquhar College of Arts and Sciences will terminate once students are matriculated into the Bachelor of Science in Nursing—Entry-Level Program in the College of Allied Health and Nursing. For more information on the admission requirements of the B.S.N.—Entry-Level Program, refer to the *Admissions* section of the NSU Undergraduate Student Catalog.

Problem Resolution Procedures

Nova Southeastern University is committed to maintaining policies and procedures supportive of the student community. Students must follow specific policies and instructions described in this catalog, in the NSU Student Handbook, and in course schedules, program brochures, information sheets, and periodic special mailings.

Formal problems or grievances fall into three categories: harassment or discrimination grievances, academic grievances, and administrative grievances. Detailed instructions on how to submit an academic or administrative grievance are described below by each college or school. Student athletes should refer to the NSU Student Athlete Guidelines for additional information about athletics-related problem resolution procedures.

Types of Grievances

Harassment or Discrimination

Discriminatory conduct based on such factors as race, color, religion or creed, sex, national origin, disability, age, ancestry, marital status, sexual orientation, pregnancy, unfavorable discharge from the military, veteran status, or political beliefs, including but not limited to, violations under all federal and state laws, rules, regulations, and/or acts including, but not limited to, Title VII, Title VI, Title IX, Title II, Title III, Americans with Disability Act and the Rehab Act are unacceptable and prohibited in the university.

In the event a student feels discriminated against by another student, an NSU faculty or staff member, or an employee, the student should contact the appropriate academic or administrative director, not to the person providing the service or instruction. Students may also contact the university Title IX coordinator, Gay Holliday, associate dean of student affairs, at (954) 262-7280.

Academic Grievances

For more information on academic grievance procedures, refer to the appropriate college or school's policy below.

Grade Disputes
Instructors handle academic grievances involving the fairness of a grade. Students unable to settle the grade dispute with an instructor should contact the academic director or assistant dean of the division responsible for the course, who will make a final decision on the fairness of the grade. Grade disputes will not be permitted to proceed any further unless evidence of discrimination or a violation of rights can be shown.

Other Academic Disputes
Academic grievances are related to classroom and instructor activity. Students should make every effort to document their claim. For academic matters, students should follow the academic grievance process of the college or school offering the course. For more information on the academic grievance process, refer to the appropriate college or school's section of this catalog.

Administrative Grievances

Administrative grievances are related to academic policies and college or school administrative actions. For more information on administrative grievance procedures, refer to the appropriate college or school's policy.

Grievance Time Limitation

Grievance procedures must be initiated in a timely fashion within the term that the student, instructor, or administrator became aware of the grievance issue. The student may forfeit all rights under the grievance procedure if each step is not followed within the prescribed time limit.

Grievance Process—College of Allied Health and Nursing

Grade Disputes

The responsibility for course examinations, assignments, and grades resides with the expertise of faculty members who are uniquely qualified by their training and experience. Such evaluations and grades are the prerogative of the instructor and are not subject to formal appeal unless there is compelling evidence of discrimination, arbitrary or capricious action, and/or procedural irregularities. Grievances and grade disputes must be in writing and directed to the course instructor within five business days prior to any retake. If unresolved, the dispute may be forwarded to the program director or department chair within five business days. Failure to submit a timely appeal will be considered a waiver of the student's grade dispute appeal rights.

Committee on Student Progress

Each department and program within the College of Allied Health and Nursing—audiology, physician assistant, nursing, occupational therapy, physical therapy, bachelor of health science, bachelor of health science vascular sonography, master of health science, and doctor of health science—has a Committee on Student Progress (CSP). It is the CSP's responsibility to conduct proceedings to determine whether a student is experiencing problems with academic progress or has violated a regulation, policy, and/or professional or behavioral codes of conduct. The CSP examines individual cases and makes appropriate recommendations to the program director and/or department chair, who determines the final status of individual student. Students are advised in writing by the program director and/or department chair, of the decisions and are bound to comply. CSP recommendations may include, but are not limited to: no action taken, remediation, warnings, probation, suspension, dismissal, or expulsion. These recommendations can cover one, any combination of, or all of the following issues: academic, disciplinary, or professional. Students have the right to appeal the decision or recommendation. A request for appeal must follow the procedures outlined in the College of Allied Health and Nursing Student Handbook section titled Student Appeals.

Student Appeals

Appeals Committee Hearing Guidelines
The Student Appeals Hearing is an informal proceeding. No rules of evidence will be used. The hearing shall be internal, private, and closed to those not associated with the university. Non-university personnel are not available for consultation during these hearings. Legal representation or any other form of representation during the appeal hearing is prohibited. All procedures and actions are aimed to safeguard and preserve the educational and developmental mission of the College of Allied Health and Nursing.

Appeals Committee Responsibilities
The Appeals Committee will hear all student appeals of decisions recommended by the Committee on Student Progress and concurred with by the department chair of each of the individual departments of the College of Allied Health and Nursing relating to dismissal or disciplinary actions involving academic and/or professional issues. If a student appeals the decision of the department Committee on Student Progress, the appeal must be in writing and submitted to the chair of the Appeals Committee within five business days (excluding holidays and weekends) after the date of receiving notification of the CSP's decision. Any appeals not submitted to the chair of the Appeals

Committee within this time frame shall not be heard. The appeal must contain a concise statement of all relevant facts and the result sought.

Appeals Committee Membership
The Appeals Committee shall consist of the chancellor or vice chancellor of the Health Professions Division or designee, six faculty members from the College of Allied Health and Nursing, one of whom will be elected by the members of the committee to serve as chair. The department chair will be responsible for appointing one faculty representative. The chair of the Committee on Student Progress from the program that refers the student to the committee will attend the hearing, but will not participate during any votes.

Hearings Protocol

- The Appeals Committee hearing will proceed under the direction of the chair.
- The student will be notified of the date, place, and time of the hearing via certified mail to the student's last known address or hand delivered with receipt. Any student who fails to appear at the designated date and time will automatically waive his or her right to appeal.
- A quorum must be present to convene an official appeal hearing and will be constituted by 50 percent or more of the voting membership including the chair.
- The student will provide the committee chair with a list of any witnesses he or she may have, in writing, no later than two business days before the hearing date. Only witnesses with direct information that is new and relevant and has not been presented previously to the program director/ department chair or the Committee on Student Progress will be considered.
- The student will be present only during his or her testimony.
- Witnesses, if any, may be present only during their testimony. Each witness will be housed in a separate waiting area to avoid any contact among witnesses or with the student.
- The Appeals Committee may question any witnesses present during the hearing.
- The Appeals Committee will have the option of calling more witnesses. The student shall not be present during the questioning of any witnesses.
- The CSP chair shall be nonvoting, shall serve only in an advisory capacity, and may be present throughout the entire hearing.

Appeals Committee Hearing Process

- The chair will convene the hearing with only committee members present.
- The chair will advise the committee members of the charge (s) and the department decision, review the evidence, respond to any questions, and provide opportunity for preliminary discussions.
- Witnesses will be called individually by the committee and questioned without the student being present.
- Witnesses may be asked to remain outside the hearing room for later recall or dismissed at the committee's discretion.
- When all evidence has been heard and witnesses questioned, the chair will call the student into the hearing room.
- The chair will introduce the student to the committee members.
- The student will have an opportunity to present his or her appeal, provide statements and evidence in defense of alleged violation(s), appeal the degree of disciplinary action, summarize his or her position, and respond to any questions from the committee members.
- The chair will then dismiss the student from the hearing.
- The committee members will render a decision on the student's appeal by a majority vote of the voting members in attendance. The committee may delay the vote if it determines that additional information or facts are needed before a vote.
- The chair will participate in the voting process only in the case of a tie or if the chair is counted to make a quorum.

Notification of the Appeals Committee Decision
The decision of the committee will be forwarded in writing by the chair to the department chair and program director, who will forward it to the student by certified mail to his or her last official address or hand delivered with receipt. All decisions of the Appeals Committee will be final and binding. No further option for appeal will be considered.

Nursing Department

Academic Grievances
Because most student concerns are directly related to their experiences in the classroom and/or clinical course, the faculty member most directly involved is usually the first and best resource. The following guidelines should prove helpful.

- Each professor's schedule will be made available to students. NSU has an open door policy; however, students will find that scheduling an appointment will be most helpful.
- Students are encouraged to confer with the professor whenever this is perceived as necessary.
- Conferences may be scheduled by the professor periodically during the school term. A written summary of each student's progress will be shared with the student and signed by him or her and the professor.
- The program director is available to mediate any unresolved problems between a student and the course professor after he or she has discussed them with the professor.
- If the student, the professor, and program director cannot successfully resolve an issue, the next line in the chain of command is the department chairperson.
- To summarize, students are encouraged to use the following channels of communication in their respective order:

    1. Course faculty (lecture class and/or clinical courses)
    2. Program director
    3. Nursing department chairperson

- The grievance procedure for nonacademic disputes is outlined elsewhere in this catalog.

Administrative Grievances
Complaints that do not fall into the categories of academic issues or grade appeals or issues related to discrimination and harassment should try to be resolved with the other party involved. If the student is unable to do this, the student should seek assistance from his or her academic advisor. If the issue is still not resolved to the student's satisfaction, the student should meet with the program director. The program director will meet individually with the student and the person or persons involved. Depending on the nature of the complaint, a joint meeting among all parties may be scheduled. If the complaint is not resolved to the student and/or other party's satisfaction, either party may request a meeting with the department chair. The department chair will make recommendations for the complaint resolution.

Grievance Process—Farquhar College of Arts and Sciences

Procedures for academic and administrative grievances relating to the Farquhar College of Arts and Sciences are outlined below. Grievances brought to the Office of the Dean without previously going through the appropriate academic or administrative grievance procedure will be referred to the appropriate step in the process, thus delaying problem resolution. Students who are not sure of the appropriate university employee to contact about an academic or administrative issue should communicate with their academic advisor. If their academic advisor is unavailable, students should contact the Office of Operations at (954) 262-8143 (800-338-4723, ext. 28143) or email *saf@nsu.nova.edu* using their official NSU email account.

For information on the types of grievances, grievance time limitations, and how to issue a formal complaint of harassment or discrimination, refer to the beginning of this *Problem Resolution Procedures* section.

Student Action Forms (SAF)

Student Action Forms (SAF) are used to request waivers from specific university, college, or school policies under unusual circumstances. Students can officially request a waiver from a published academic policy by completing a SAF. Before a SAF is submitted, students should seek advice from their academic advisor in an effort to resolve their issue of concern and determine if an official SAF is necessary. NOTE: If a SAF involves changing enrollment status, including dropping courses, the action may affect students' eligibility for financial aid (see *Withdrawal from Classes* in Academic Resources and Procedures).

How to Submit a Student Action Form
The following information must be included in all Student Action Forms (SAF). Incomplete requests will not be accepted for processing. Students should consult with their academic advisor before submitting a SAF. The SAF should then be submitted in person to the academic advisor or be sent as a Word document from the student's official NSU email account if they cannot meet in person.

1. Student Name
2. Student ID number
3. Major/Program/Site Location
4. Day/Evening Phone Number
5. Mailing Address
6. Email Address
7. Problem: Provide an explanation of the problem and include any pertinent documentation as support.
8. Action Requested: Provide an explanation of the requested action. Include the referring page in the current undergraduate student catalog for the policy in question or any other relevant information, including specific courses or terms.
9. Prior Action Taken: Provide a list of all individuals contacted about the problem, including their departments.

For more information on submitting a SAF, visit *http://undergrad.nova.edu/currentstudents/saf.cfm*.

Academic Grievance

Academic grievances involve course-related issues originating from classroom or instructor activity. When formal grievance steps are perceived necessary, students have a right to a fair process and hearing without fear of retribution. Because grievances can often seem adversarial, it is recommended that students pursue local or departmental resolution to problems and discuss problems with appropriate parties before resorting to formal grievance steps. Academic difficulties in a class, for example, should always be discussed first with the instructor teaching the class.

Problems that cannot be resolved through the instructor, or academic issues that are more broadly based, should be discussed with an academic advisor, who may be able to help students solve or mediate problems.

If the issue concerns the fairness of a grade, students should refer to *Grade Disputes,* under *Types of Grievances*, previously discussed in this Problem Resolution Procedures section.

Step One: Meet with the instructor
Students should discuss their grievance with the appropriate instructor within the academic term of the grievable issue.

Step Two: Meet with the academic advisor
Students who feel that their grievance was not satisfactorily resolved after meeting with the instructor or director should meet with their academic advisor for guidance in submitting a formal complaint in writing, using a Student Action Form (SAF).

Prior to submitting the form, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of any relevant documentation (emails, medical documents, etc.) sent to academic advisors or other NSU personnel. For detailed instructions on submitting a SAF, students should refer to the preceding *Student Action Forms* section in this catalog or visit *http://undergrad.nova.edu/currentstudents/saf.cfm*.

After receiving, reviewing, and signing the SAF, the academic advisor will send it to the Office of Operations. The Office of Operations will then forward the SAF to the appropriate academic or administrative director for review. Students will receive a letter in their NSU email account confirming the receipt of their SAF form by the appropriate office. Once a decision has been made, students will receive a second email indicating that the reviewed and signed SAF, with the director's decision, will be mailed to the student's address on record.

Step Three: Appeal to the associate dean
After receiving the decision of the director, if students feel that based on their expectations the issue was not satisfactorily resolved, they may appeal in writing to the associate dean of the Farquhar College of Arts and Sciences. The Office of Operations should be contacted by calling (954) 262-8143 or emailing *saf@nsu.nova.edu* for guidance in appealing to the college's Office of the Dean.

After contacting the Office of Operations, students will be sent a letter outlining the information to be compiled and included in the appeal to the associate dean.

After the appeal is reviewed, students will be sent a written reply with the associate dean's decision to their address on record.

Step Four: Appeal to the dean
Students who feel that their issue is still unresolved after receiving the associate dean's decision may then appeal in writing to the dean of the Farquhar College of Arts and Sciences. The dean's decision is final and binding and cannot be appealed.

Administrative Grievance

Step One: Meet with the appropriate administrator
Students should discuss their grievance with the appropriate administrator within the academic term of the grievable event.

Step Two: Meet with the academic advisor
Students who feel that their grievance was not satisfactorily resolved after meeting with the administrator should meet with their academic advisor for guidance in submitting a formal complaint in writing, using a Student Action Form (SAF).

Prior to submitting the form, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of any relevant documentation (emails, medical documents, etc.) sent to academic advisors or other NSU personnel. For detailed instructions on submitting a SAF, students should refer to the preceding *Student Action Forms* section in this catalog or visit *http://undergrad.nova.edu/currentstudents/saf.cfm*.

After receiving, reviewing, and signing the SAF, the academic advisor will send it to the Office of Operations. The Office of Operations will then forward the SAF to the appropriate academic or administrative director for review. Students will receive a letter in their NSU email account confirming the receipt of their SAF form by the appropriate office. Once a decision has been made, students will receive a second email indicating that the reviewed and signed SAF, with the director's decision, will be mailed to the student's address on record.

Step Three: Appeal to the associate dean
After receiving the decision of the director, if students feel that based on their expectations the issue was not satisfactorily resolved, they may appeal in writing to the associate dean of the Farquhar College of Arts and Sciences. The Office of Operations should be contacted by calling (954) 262-8143 or emailing *saf@nsu.nova.edu* for guidance in appealing to the college's Office of the Dean.

After contacting the Office of Operations, students will be sent a letter outlining the information to be compiled and included in the appeal to the associate dean.

After the appeal is reviewed, students will be sent a written reply with the associate dean's decision to their address on record.

Step Four: Appeal to the dean
Students who feel that their issue is still unresolved after receiving the associate dean's decision may then appeal in writing to the dean of the Farquhar College of Arts and Sciences. The dean's decision is final and binding and cannot be appealed.

Grievance Process—Fischler School of Education and Human Services

Some instances of academic and administrative grievances relating to the Fischler School of Education and Human Services require students to follow the previously discussed grievance process relating to the Farquhar College of Arts and Sciences, while others pertain specifically to the slightly varied grievance process for the Fischler School of Education and Human Services. Therefore, it is imperative that students seek the guidance of their academic advisor to determine which procedure to follow. The procedures specific to the Fischler School of Education and Human Services are outlined below.

For information on the types of grievances, grievance time limitations, and how to issue a formal complaint of harassment or discrimination, refer to the beginning of this *Problem Resolution Procedures* section.

Student Action Forms (SAF)

Student Action Forms (SAF) are used to request waivers from specific university, college, or school policies under unusual circumstances. Students can officially request a waiver from a published academic policy by completing a SAF. Before a SAF is submitted, students should seek advice from their academic advisor in an effort to resolve their issue of concern and determine if an official SAF is necessary. NOTE: If a SAF involves changing enrollment status, including dropping courses, the action may affect students' eligibility for financial aid (see *Withdrawal from Classes* in Academic Resources and Procedures).

How to Obtain and Submit a Student Action Form
When a student's academic advisor has determined the procedures for academic and administrative grievances relating to the Fischler School of Education and Human Services is the correct course of action, an SAF should be obtained at *www.schoolofed.nova.edu/undergraduate/pdf/student_action_form.pdf*. Incomplete requests will not be accepted for processing. Students should consult with their academic advisor before submitting a SAF. The SAF should then be submitted to the academic advisor in person or may be faxed or sent as an attachment from the student's official NSU email account.

Forms for initiating a formal grievance in relation to services or instruction offered by the Fischler School of Education and Human Services may be obtained through the school's Office of Student Judicial Affairs via email at *frivera@nsu.nova.edu*.

Academic Grievance

Academic grievances involve course-related issues originating from classroom or instructor activity. When formal grievance steps are perceived necessary, students have a right to a fair process and hearing without fear of retribution. Because grievances can often seem adversarial, it is recommended that students pursue local or departmental resolution to problems and discuss problems with appropriate parties before resorting to formal grievance steps. Academic difficulties in a class, for example, should always be discussed first with the instructor teaching the class.

Problems that cannot be resolved through the instructor, or academic issues that are more broadly based, should be discussed with an academic advisor, who may be able to help students solve or mediate problems.

If the issue concerns the fairness of a grade, students should refer to *Grade Disputes,* under *Types of Grievances*, previously discussed in this Problem Resolution Procedures section.

Step One: Meet with the instructor
Students should discuss their grievance with the appropriate instructor within the academic term of the grievable issue.

Step Two: Meet with the academic advisor
Students who feel that their grievance was not satisfactorily resolved after meeting with the instructor or director should meet with their academic advisor for guidance in submitting a formal complaint in writing, using a Student Action Form (SAF).

Prior to submitting the form, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of any relevant documentation (emails, medical documents, etc.) sent to academic advisors or other NSU personnel. For detailed instructions on submitting a SAF students should refer to the preceding *Student Action Forms* section in this catalog.

After receiving, reviewing, and signing the SAF, the academic advisor will send it to the director of undergraduate enrollment and recruitment.. Once a decision has been made, students will receive a copy of the reviewed and signed SAF from their academic advisor with their director's decision.

Step Three: Appeal to the dean of undergraduate teacher education
After receiving the decision of the academic or administrative director, if students feel that based on their expectations the issue was not satisfactorily resolved, they may appeal in writing to the dean of undergraduate student education at the Fischler School of Education and Human Services. Students should draft a letter outlining the pertinent information about the grievance, as well as provide documentation supporting their position.

After the appeal is reviewed, students will be sent a written reply with the dean's decision to their address on record. The decision made by the dean is final and binding and cannot be appealed.

Administrative Grievance

Step One: Meet with the academic advisor
Students should discuss the grievance with their academic advisor within the academic term of the grievable event.

Students who feel that their grievance was not satisfactorily resolved after meeting with the academic advisor should submit a formal complaint in writing, using a Student Action Form (SAF).

Prior to submitting the form, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of any relevant documentation (emails, medical documents, etc.) sent to academic advisors or other NSU personnel. For detailed instructions on submitting a SAF, students should refer to the preceding *Student Action Forms* section in this catalog.

Students should submit the SAF to their academic advisor. After receiving, reviewing, and signing the SAF, the academic advisor will send it to the director of undergraduate enrollment and recruitment. Once a decision has been made, students will receive a copy of the reviewed and signed SAF with the director's decision.

Step Two: Appeal to the dean of undergraduate teacher education
After receiving the decision of the director, if students feel that based on their expectations the issue was not satisfactorily resolved, they may appeal in writing to the Fischler School of Education and Human Services' dean of undergraduate teacher education. Students should draft a letter outlining the pertinent information about the grievance, as well as provide documentation supporting their position.

After the appeal is reviewed, students will be sent a written reply with the dean's decision to their address on record.

Grievance Process—H. Wayne Huizenga School of Business and Entrepreneurship

Procedures for academic and administrative grievances relating to the H. Wayne Huizenga School of Business and Entrepreneurship are outlined below. Students should follow the appropriate academic or administrative grievance procedure, or they will be referred to the appropriate step in the process, thus delaying problem resolution. Students who are not sure of the appropriate university employee to contact about an academic or administrative issue should communicate with their academic advisor.

For information on the types of grievances, grievance time limitations, and how to issue a formal complaint of harassment or discrimination, refer to the beginning of this *Problem Resolution Procedures* section.

Academic Grievance Process

Academic grievances involve course-related issues originating from classroom or instructor activity. When formal grievance steps are perceived necessary, students have a right to a fair process and hearing without fear of retribution. Because grievances can often seem adversarial, it is recommended that students pursue local or departmental resolution to problems and discuss problems with appropriate parties before resorting to formal grievance steps. Academic difficulties in a class, for example, should always be discussed first with the instructor teaching the class.

Problems that cannot be resolved through the instructor, or academic issues that are more broadly based, should be brought to the school's assistant dean of program administration at (954) 262-8041, who may be able to help students solve or mediate problems.

If the issue concerns the fairness of a grade, students should refer to *Grade Disputes,* under *Types of Grievances*, previously discussed in this Problem Resolution Procedures section.

Step One: Meet with the instructor
Students should discuss their grievance with the appropriate instructor within the academic term of the grievable issue.

Step Two: Appeal to the assistant dean of program administration
If students feel that based on their expectations the issue was not satisfactorily resolved after meeting with the instructor, they may formally contact the H. Wayne Huizenga School of Business and Entrepreneurship's assistant dean of program administration in writing. Students should submit a written complaint containing a concise statement of all relevant facts and the relief sought.

Prior to submitting a formal grievance letter, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of any relevant documentation (emails, medical documents, etc.) sent to instructors or other NSU personnel.

Grievance appeals brought to the assistant dean without previously going through the appropriate academic grievance procedure will be referred to the appropriate step in the process, thus delaying the problem resolution.

After receiving the grievance letter from students, the assistant dean of program administration will review the issue and make a decision based on the merits of the grievance. Students will be contacted with the assistant dean's decision, which is final and binding and cannot be appealed.

Administrative Grievance

Step One: Meet with the appropriate administrator
Students should discuss their grievance with the appropriate administrator within the academic term of the grievable event.

Step Two: Meet with the academic advisor
Students who feel that their grievance was not satisfactorily resolved after meeting with the administrator should meet with their academic advisor for guidance in submitting a formal complaint in writing, using a Request for Exception to Policy (REP) or Student Action Form (SAF). REPs are used for administrative issues within the H. Wayne Huizenga School of Business and Entrepreneurship. SAFs are utilized when the administrative issue affects other colleges or schools.

Prior to submitting the form, students should carefully read and be aware of any consequences if the grievance involves changes in enrollment status. It is also essential that students maintain copies of any relevant documentation (emails, medical documents, etc.) sent to academic advisors or other NSU personnel.

REPs and SAFs are used to request waivers from specific university, college, or school policies under unusual circumstances. Students can officially request a waiver from a published academic policy by completing a REP or SAF.

The following information must be included in all REPs and SAFs. Incomplete requests will not be accepted for processing. Students should consult with their academic advisor before submitting a REP or SAF. The form should then be submitted in person to the academic advisor or be sent as a Word document from the student's official NSU email account if they cannot meet in person.

1. Student Name
2. Student ID number
3. Major/Program/Site Location
4. Day/Evening Phone Number
5. Mailing Address
6. Email Address
7. Problem: Provide an explanation of the problem and include any pertinent documentation as support.
8. Action Requested: Provide an explanation of the requested action. Include the referring page in the current undergraduate student catalog for the policy in question or any other relevant information, including specific courses or terms.
9. Prior Action Taken: Provide a list of all individuals contacted about the problem, including their departments.

After receiving, reviewing, and signing the REP or SAF, the academic advisor will send it to the appropriate administrative director for review. Students will be contacted with conclusive decision of the H. Wayne Huizenga School of Business and Entrepreneurship, which is final and binding and cannot be appealed.

Registration

All students must have at least provisional admission status, be officially registered, and pay tuition and fees in order to attend class and receive a grade. Students should register for the fall, winter, and summer semester during the open registration period. Students should register for all courses they intend to complete within a semester and not wait until the semester has started to register for part of a term. Registering for the entire semester allows the NSU Office of Student Financial Assistance to properly process and disperse the student‘s financial aid. An official grade will not be recorded and credit will not be given for anyone who attends class as an unregistered student. For information on dropping, adding, or withdrawing from classes, refer to the *Dropping and Adding Classes* or *Withdrawal from Classes* sections of this catalog.

Online vs. In-Person Registration

Web registration is available through WebSTAR at *www.webstar.nova.edu*. Students may register online with WebSTAR unless they are athletes, new students, NSU employees, returning students on academic probation, or students with additional holds. A valid NSU Personal Identification Number (PIN) is required to participate in online registration. To receive a PIN, students should call (954) 262-4850 (800-541-6682, ext. 24850) or visit *www.nova.edu/cwis/technology.html.*

Students ineligible for online registration and students who choose not to use online registration must meet with their academic advisor and provide appropriate written documentation indicating their schedule choices to register for classes.

Registration Schedule

College of Allied Health and Nursing

Each semester at NSU consists of two terms, but only one open registration period (see *Academic Calendars* for dates). During open registration students should meet with their academic advisor to review class schedules.

Timely registration ensures availability of seats in required classes, reduces the risk of financial aid problems, and decreases demand for last-minute advising appointments. The College of Allied Health and Nursing does not penalize for later registration.

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Open Registration
Each semester at NSU consists of two terms or sessions, but only one open registration period (see *Academic Calendars* for dates). Open registration ends ten calendar days before the start of a semester. During open registration students should meet with their academic advisor to review class schedules. Timely registration ensures availability of seats in required classes, reduces the risk of financial aid problems, and decreases demand for last-minute advising appointments.

Late Registration
Open registration ends ten calendar days before the start of the semester. Students who initially register for semester classes after the open registration period are considered to be registering during late registration and must pay a late registration fee. The late registration fee applies to all courses and all terms within the semester. However, it does not apply to schedule adjustment (drop/add) changes during each term's drop and add periods. The late registration fee will be waived for students newly enrolled that semester. Dropping courses does not result in a refund of late fees. Special permission from the academic division is required for any registration after the start of the term. Students who register late for classes are responsible for all course requirements.

Appealing the Late Registration Fee—Farquhar College of Arts and Sciences
Students of the Farquhar College of Arts and Sciences who wish to appeal the late registration fee should send an email to *saf@nsu.nova.edu* from their NSU email account. Students should provide their name, NSU ID number, major, term, name of any other individuals contacted, and a detailed explanation of why they feel they should not have to pay this fee. Upon receipt, students will receive confirmation that their email has been received and any additional information needed will be requested at that time.

Each appeal will be reviewed according to the following criteria:

1. Is the student a new student?
2. Did the student register for any courses, for the relevant term, prior to the deadline?
3. Does the student have a valid reason for being unable to register prior to the deadline?

Appeals will be reviewed by the director of the Office of Operations. Appeals that fail to meet minimum criteria will be denied and the student will be notified by email. Students may appeal a decision to the dean by providing additional written justification for reversal to the Office of Operations. The decision by the dean is final. Students will receive notification, via NSU email, if a petition for reversal has been approved.

Student Athlete Eligibility

To retain student athlete eligibility, student athletes are required to carry at least 15 credits each semester. For further information, athletes should consult the *Student Athlete Handbook* available from the Department of Athletics.

Closed Classes

Enrollment capacity for each class is carefully determined to reflect the physical limitations of the classroom or lab as well as the subject's most effective learning and teaching environment. Once a class has been filled and closed to further registration, students should meet with their academic advisor for help adjusting schedules and choosing alternative classes that meet degree program requirements.

Students may appeal to register for closed classes under exceptional circumstances. Student appeals must be made in writing by the student's academic advisor to the academic director of the division in which the course is offered. Appeals should not be directed to course instructors. Academic directors review appeals and may consult instructors when considering such requests. All appeals must explain why no alternative class will support the student's degree requirements, explain why the student was unable to register for the class when space was available, and include a written endorsement from an academic advisor (e.g., by email).

Appeals will only be considered up to the date of the first class meeting. If a student appeal is granted, the academic director will authorize the student's academic advisor in writing (e.g., by email) to register the student. However, the registration must be processed within 24 hours of the director's notification. If the registration is not processed within that time period, the authorization is removed and the student's space in the closed class may be released to another student.

Repeated Courses

Subject to availability, students may repeat a course to improve the grade in that course, but credit toward graduation will be granted only once. All enrollments and grades will remain on the transcript and will have a notation that the course has been repeated. If a student repeats a course, the highest grade will be counted in the student's cumulative GPA. All grades earned in each term are included in the calculation of the term GPA. Repeating courses can impact academic standing. After the course has ended, the student must complete a repeated course form available from his or her academic advisor.

Scholarships and Grants for Undergraduate Students

Scholarships and grants are available to students from various sources within the university, as well as from external public and private organizations, such as the Florida Independent College Fund.

The first step for students interested in financial aid of any kind is to contact the NSU Office of Student Financial Assistance for information about deadlines for the FAFSA and other necessary financial aid applications. NSU's Office of Student Financial Assistance administers government financial aid grant and loan programs as well as university-wide financial aid programs that include NSU grants, loans, scholarships, and student employment. The Office of Student Financial Assistance also maintains resources to help students locate funding and plan the financial aspects of their education. For more information about the Office of Student Financial Assistance, call (954) 262-3380 or go to *www.nova.edu/cwis/finaid*.

All college and university scholarships and grants are combined with other federal and state financial aid programs to help meet students' financial needs. Eligibility requirements vary. Students should note that changes in enrollment during a semester may affect eligibility for awards with minimum course load requirements (e.g. that require students to be enrolled full time).

The following directory details undergraduate scholarships and grants offered by Nova Southeastern University. The first section lists general NSU undergraduate scholarships, for which majors of study do not affect eligibility. The subsequent sections are categorized by college and describe scholarships and grants for undergraduate students within specific areas of study.

NSU Undergraduate Scholarships

Alvin Sherman Family Scholarships (PALS and Career Development students)
Amount: Varies
Application: Yes; July 15 preferred deadline
Renewal: Yes; requires a minimum NSU GPA of 2.5
Eligibility: New full-time PALS and Career Development Program students on main campus with a minimum initial-eligibility cumulative GPA of 3.0
Contact: Office of Undergraduate Admissions at (954) 262-8000 or *admissions@nsu.nova.edu*

Barnes and Noble Book Scholarship
Amount: $500
Application: Yes; December 15 deadline
Eligibility: Students must have been registered for the fall term. For Undergraduate and Graduate students. International students are welcomed to apply. Academic excellence will be considered in the awarding process.
Contact: Please submit applications along with most current copies of receipts from the NSU Book Store to the Office of Student Financial Assistance Scholarship Department.

Broward International Women's Club Scholarship
Amount: Varies
Application: Yes; April 30 deadline
Eligibility: Female international students who will return to their country at the completion of their studies. Must have 3.5 GPA or better. Must justify financial need.
Contact: Zoe Leal at (954) 262-2110 or (954) 262-5352, email *zoeleal@nsu.nova.edu*

Broward Leadership Scholarship
Amount: $1000
Application: Not specified
Eligibility: Through admissions office, incoming students are selected who have been accepted into the Professional and Liberal Studies (PALS) Program. This is a one-time award and is not renewable. Students must attend full time to qualify.
Contact: Office of Undergraduate Admissions at (954) 262-8000

Dual Admission Scholarships (dual admission PALS students only)
Amount: $200 per academic year (fall and winter only)
Application: Yes; deadline one month prior to start of semester
Renewal: Yes; automatic renewal up to four years
Eligibility: Dual admission PALS students only; full-time enrollment in the PALS portion of a dual admission program; good academic standing (making satisfactory progress toward program requirements)
Required activities: Attendance at required events and meetings
Contact: Student Services in the Farquhar College of Arts and Sciences' Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Electronic Funds Transfer Scholarship
Amount: $2,000
Application: Yes; July 15 deadline
Renewal: No
Eligibility: Awards are made to undergraduate or graduate continuing students that have established a GPA of 3.0 or higher at Nova Southeastern University. This scholarship is not renewable. In determining scholarship eligibility, the scholarship committee will consider leadership ability, community/volunteer activities, academic excellence, as well as the student's financial need, which will be based on the student's Free Application for Federal Student Aid (FAFSA) for 2005-2006 academic year.
Contact: Office of Student Financial Assistance at 800-541-6682

Ethel G. and Raymond P. Ferrero Family Scholarship
Amount: $1,250
Application: Yes; August 1 deadline
Eligibility: Preference is given to graduates from St. Thomas Aquinas High School who have been accepted to Nova Southeastern University's undergraduate program. Leadership ability, community/volunteer activities, and academic excellence will be considered in the awarding process.
Contact: Please submit applications along with high school transcripts to the Office of Student Financial Assistance. If transcripts are not enclosed, the application will not be considered.

Farquhar College Grants (new PALS students only)
Amount: Varies based on unmet financial need (may be awarded in conjunction with an NSU Honor Award); amount may be adjusted if the student receives other scholarships or grants; tuition-only grant

Application: No; award is determined at the time of admission if a completed FAFSA is on file at NSU.
Renewal: Yes; automatic renewal after the first year; after the second year renewal is based on need and satisfactory academic progress
Eligibility: New PALS students only; good academic standing and full-time enrollment
Contact: Office of Undergraduate Admissions at (954) 262-8000 or *admissions@nsu.nova.edu*

Gareth Steele Disability Scholarship
Amount: $1000
Application: Open (no deadline)
Eligibility: Applicant must have a disability; must be a Broward County resident, as well as a US citizen or legal resident; and can be a recent high school graduate within the past year or be graduating high school within the next school year. Must be accepted at NSU. The student is to submit an essay of not more than 300 words on how their disability impacted them while in school, and how they would use the knowledge gained through education to improve the lives of others with disabilities. Center for Independent Living of Broward Inc. will make the final selection of the winner.
Contact: Please send essays to Rae Begley, Scholarship Department, NSU, 3301 College Avenue, Fort Lauderdale, Florida 33314.

Gold Circle Scholarship Fund
Amount: $2,000
Application: No application required. All students that meet the requirements will be automatically considered for this fund. Awarding is in July. Those randomly selected will be notified.
Eligibility: Students that demonstrate high financial need. Students must complete a FAFSA/Renewal by April 15 and must have established a GPA in a university program. Students with the highest GPA and financial need are selected based on available funds and meeting the priority deadline. The scholarship is renewable with a 3.0 GPA, depending on available funds.
Contact: Office of Student Financial Assistance at 800-541-6682

Honors Program Scholarships (PALS students only)
Amount: Varies based on applicant qualifications
Application: Yes; deadline one month prior to start of semester
Renewal: No; awards are not automatically renewed; students must apply for each year's award
Eligibility: Full-time PALS students only; good standing per criteria established by the Undergraduate Honors Program; active participation in the Undergraduate Honors Program.
Contact: Student Services in the Farquhar College of Arts and Sciences' Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Howard Dunbar Scholarship
Amount: $1,000
Application: No Application Required. All students that meet the requirements will be considered for this fund. Students are selected in July and will be notified.
Eligibility: Male students that demonstrate financial need. Students must complete a FAFSA/Renewal by April 15. Must have established a GPA in a university program. Students are randomly selected based on available funds, meeting the priority deadline, and with the highest GPA and financial need. Scholarship is renewable with 3.0 GPA depending on available funds.
Contact: Office of Student Financial Assistance at 800-541-6682

Leadership Roundtable Scholarships (PALS students only)
Amount: Up to $4,000 per year
Application: Yes
Renewal: Yes
Eligibility: PALS students only; participation in the Leadership Roundtable Scholars Program; good academic standing
Contact: Office of New Student Services and Orientation at (954) 262-8093 or *orientation@nsu.nova.edu*

Nicole Robinson Scholarship
Amount: $500

Application: Yes, deadline varies
Eligibility: Must be an International Student and a student leader.
Contact: Office of Student Affairs, Terry Morrow at (954) 262-7290

Nova Southeastern University Honor Awards (new PALS students only)
Amount: Tuition-only awards. NSU Freshman Honor Award ($1,000-$9,000). NSU Transfer Honor Award ($1,000-$5,500)
Application: No; Awards are made at the time of admission to NSU based on prior academic achievement.
Renewal: Yes; automatic renewal after the first year; after the second year renewal is based on satisfactory academic progress
Eligibility: Students will lose eligibility for these awards if they leave the Professional and Liberal Studies Program before graduation to enroll in a graduate program, move to the Health Professions Division, enroll in the Career Development Program, or become a full-time NSU employee.
Contact: Student Services in the college's Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*

Phi Theta Kappa Awards (new PALS transfer students only)
Amount: $1,000, tuition-only award
Application: No; Student must show proof of Phi Theta Kappa membership
Renewal: Yes
Eligibility: New PALS transfer students who are members of Phi Theta Kappa; must maintain 3.0 cumulative GPA and 24 credits each academic year
Contact: Office of Undergraduate Admissions at (954) 262-8000 or *admissions@nsu.nova.edu*

Residential Life Scholarship
Amount: $6,210 (varies)
Applications**:** Applications are available at end of January during information session
Eligibility: Scholarships given only to those hired as resident assistants. Must be a registered part-time or full-time student at Nova Southeastern University, meeting the minimum academic requirements of the academic department. Undergraduate students must have a minimum of 2.5 cumulative GPA; for Graduate students, must have the minimum cumulative GPA required for that graduate program. Must have one semester live-in experience prior to application, not necessarily at NSU; OR significant leadership experience. Must be in good judicial standing with the University. Willingness to make a commitment through the academic year (i.e. August–May).
Contact: Office of Residential Life and Housing at (954) 262-7061 or visit *www.nova.edu/reslife/rainfo.html*

Trustee Scholarship Fund For Students
Amount: $2500
Application: Yes; Priority August 1 deadline
Eligibility: Awards are made to first-year-entering Graduate and first-year-entering Undergraduate full-time students. Leadership ability, community/ volunteer activities and academic excellence will be considered in the awarding process. Minimum GPA is 3.5. Scholarships are renewable with a GPA of 3.2 and depending on available funds. Please submit applications along with prior schools unofficial transcripts to the Office of Student Financial Services Scholarship Department. Due to the number of students applying, NSU will only notify the students selected. Please do not fax applications.
Contact: Office of Student Financial Assistance at 800-541-6682

Victims of 911 Undergraduate Scholarship
Amount: One award for all cost of tuition for up to four years
Application: Deadline not specified
Eligibility: A daughter or son of a victim in the September 11, 2001, tragedy (New York World Trade Center, Pentagon, Pennsylvania field). Must be admitted into the Professional and Liberal Studies Program on main campus. Recent high school graduate must have a minimum high school GPA of 3.5 and SAT score of 1100 or higher. Must be enrolled full time and be a degree-seeking student.
Contact: Office of Undergraduate Admissions at (954) 262-8000

College of Allied Health and Nursing

There are a number of national, Florida, and hospital grants available for R.N. students. Additionally, student loan interest for nursing students is lower than for students seeking other degrees. The financial aid office and the nursing department are eager to assist students in exploring all possible financial aid options. Please do not hesitate to ask for this help.

Health Professions Division Hispanic Student Scholarship
Amount: Varies
Application: Yes; deadline varies
Eligibility: Must be a Hispanic student enrolled in one of the colleges of NSU Health Professions Division. Student must be in good academic standing. For more information on requirements/criteria, please contact the HPD Chancellor's Office. Awards are based on available funds.
Contact: Office of Student Financial Assistance at 800-541-6682, ext. 21518

Farquhar College of Arts and Sciences

Farquhar College of Arts and Sciences institutional awards are managed by the Office of the Dean. See specific award descriptions for eligibility and renewal requirements. These awards are normally discontinued when a student has earned 130 credits in the Farquhar College of Arts and Sciences or leaves the college to attend another NSU program. Employees of NSU or sub-contractors of NSU who are receiving full tuition benefits at the university are ineligible to receive these awards. Awards may be reversed after disbursal if a student has received a tuition waiver from NSU for that particular semester. Students may petition for scholarship continuation on a semester-by-semester basis to meet requirements for their primary degree program. Petitions must be submitted in writing to the Office of the Dean. Students who have previously earned bachelor's degrees at NSU are not eligible for institutional awards if they choose to seek a second bachelor's degree at NSU. For information and applications, use the contact information listed below.

Alvin Sherman Family Scholarships (PALS and Career Development students)
Amount: varies
Application: yes; July 15 preferred deadline
Renewal: yes; requires a minimum NSU GPA of 2.5
Eligibility: new full-time PALS and Career Development Program students on main campus with a minimum initial-eligibility cumulative GPA of 3.0
Contact: Office of Admissions at (954) 262-8000 or *admissions@nsu.nova.edu*

Professional and Liberal Studies Book Awards (continuing PALS students only)
Amount: $250 for book expenses
Application: yes; April 1 deadline
Renewal: no
Eligibility: continuing PALS students only; academically competitive with preference given to upperclassmen
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Continuing Career Student Grants (Career Development students only)
Amount: $400 per semester based on financial need and academic performance
Application: yes; deadline one month prior to start of the semester.
Renewal: no; awards are not automatically renewed; students must apply for each year's award
Eligibility: Full-time Farquhar College of Arts and Sciences students only (Division of Humanities; Division of Math, Science, and Technology; and Division of Social and Behavioral Sciences majors only); minimum cumulative 2.0 GPA; priority given to full-time students who show continuous enrollment for at least two of the previous three semesters and display reasonable academic progress (who have successfully completed 24 credits in the previous 12 months). Graduate students are not eligible.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Dean's Office Scholarships (PALS and Career Development students)
Amount: varies
Application: yes; deadline one month prior to start of the semester.
Renewal: no; awards are not automatically renewed; students must apply for each year's award
Eligibility: Full-time Farquhar College of Arts and Sciences students only (Division of Humanities; Division of Math, Science, and Technology; and Division of Social and Behavioral Sciences majors only); financial need; minimum NSU cumulative 2.0 GPA; successful and sustained academic performance. Graduate students are not eligible.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Dual Admission Scholarships (dual admission PALS students only)
Amount: $200 per academic year (fall and winter only)
Application: yes; deadline one month prior to start of the semester.
Renewal: yes, automatic renewal up to four years
Eligibility: dual admission PALS students only; full-time enrollment in the PALS portion of a dual admission program; good academic standing (making satisfactory progress toward program requirements);
Required activities: attendance at required events and meetings
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Farquhar College Grants (new PALS students only)
Amount: varies based on unmet financial need (may be awarded in conjunction with an NSU Honor Award); amount may be adjusted if the student receives other scholarships or grants; tuition-only grant
Application: no; award is determined at the time of admission if a completed FAFSA is on file at NSU.
Renewal: Yes; automatic renewal after the first year; after the second year renewal is based on need and satisfactory academic progress
Eligibility: new PALS students only; good academic standing and full-time enrollment
Contact: Office of Admissions at (954) 262-8000 or *admissions@nsu.nova.edu*

Honors Program Scholarships (PALS students only)
Amount: varies based on applicant qualifications
Application: yes; deadline one month prior to start of the semester.
Renewal: no; awards are not automatically renewed; students must apply for each year's award
Eligibility: full-time PALS students only; good standing per criteria established by the Undergraduate Honors Program; active participation in the Undergraduate Honors Program.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

Leadership Roundtable Scholarships (new PALS Freshman students only)
Amount: up to $4,000 per year
Application: yes
Renewal: yes
Eligibility: new PALS Freshman students only; participation in the Leadership Roundtable Scholars Program; good academic standing
Contact: Director of student development and retention at (954) 262-8093 or email *jnemes@nsu.nova.edu*.

Nova Southeastern University Honor Awards (new PALS students only)
Amount: Tuition-only awards. NSU Freshman Honor Award ($1,000-$9,000). NSU Transfer Honor Award ($1,000-$5,500)
Application: No; Awards are made at the time of admission to NSU based on prior academic achievement.
Eligibility: Students will lose eligibility for these awards if they leave the Professional and Liberal Studies Program before graduation to enroll in a graduate program, move to the Health Professions Division, enroll in the Career Development Program, or become a full-time NSU employee.
Renewal: Yes; automatic renewal after the first year; after the second year renewal is based on need and satisfactory academic progress
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*.

Performing and Visual Arts Grant (PALS students only)
Amount: varies per year; talent-based
Application: yes, plus audition/portfolio
Renewal: no; awards are not automatically renewed; students must apply for each year's award
Eligibility: Students seeking a bachelor's degree in arts administration, dance, music, theatre, or art, as well as undergraduate students who wish to participate in either the Bossa Nova Chorale, dance, orchestra, or Pep Band. Audition required. NSU employees are not eligible.

Phi Theta Kappa Awards (new PALS transfer students only)
Amount: $1,000, tuition-only award
Application: no, student must show proof of Phi Theta Kappa membership.
Renewal: yes
Eligibility: new PALS transfer students who are members of Phi Theta Kappa; must maintain 3.0 cumulative GPA and 24 credits each academic year
Contact: Office of Admissions at (954) 262-8000 or *admissions@nsu.nova.edu*

Stolzenberg-Doan Scholarship (PALS and Career Development students)
Amount: varies per year
Application: yes; deadline March 1 for Summer and Fall semester travel; deadline October 1 for Winter semester travel.
Renewal: no, but multiple awards permitted based on study abroad opportunities (limit one per year)
Eligibility: Students in the Farquhar College of Arts and Sciences only, priority given to students majoring in international studies (business and education majors are not eligible); minimum cumulative 2.5 GPA and a 500 word essay; must show financial need.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*.

The Farquhar College of Arts and Sciences Professional and Liberal Studies Program International Student Scholarships (continuing PALS students only)
Amount: ranges from $250 to $1,000 per year based on academic achievement and financial need
Application: yes, April 1 deadline
Renewal: no
Eligibility: continuing international PALS students only
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

The Farquhar College of Arts and Sciences Professional and Liberal Studies Scholarships (continuing PALS students only)
Amount: ranges from $250 to $1,500 per year
Application: yes; April 1 deadline
Renewal: no; awards are not automatically renewed; students must apply for each year's award
Eligibility: continuing PALS students only; based on academic achievement and financial need.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*. Online applications are available at *www.undergrad.nova.edu/scholarships/programs.cfm*.

The Judith Shulimson Memorial Scholarship (PALS and Career Development students)
Amount: $500 total—$250 for the fall semester and $250 for the winter semester
Application: yes; March 1 deadline
Renewal: one-time nonrenewable award
Eligibility: Full-time Farquhar College of Arts and Sciences students only (Division of Humanities, Division of Math, Science, and Technology, and Division of Social and Behavioral Sciences majors only); minimum 2.8 cumulative GPA; completion of at least two semesters (24 credits) at NSU; demonstrated commitment to women's and gender studies; documented evidence of financial need with a completed FAFSA on file. Graduate students are not eligible.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*

The Linda Gordon Memorial Scholarship (PALS and Career Development students)
Amount: $500 total—$250 for the fall semester and $250 for the winter semester

Application: yes; March 1 deadline
Renewal: one-time nonrenewable award
Eligibility: Full-time Farquhar College of Arts and Sciences students only (Division of Humanities, Division of Math, Science, and Technology, and Division of Social and Behavioral Sciences majors only); minimum 2.8 cumulative GPA; completion of at least two semesters (24 credits) at NSU; demonstrated commitment to travel, social, and environmental concerns; documented evidence of financial need with a completed FAFSA on file. Graduate students are not eligible.
Contact: Student Services in the Office of the Dean at (954) 262-7918 or *scholarships@nsu.nova.edu*

Fischler School of Education and Human Services

NSU offers special institutional scholarships and grants for students of the Fischler School of Education and Human Service. For more information regarding scholarship availability, deadlines, award amounts, and additional requirements, contact the Office of Student Financial Assistance.

Minority Teacher Education Scholarship
Amount: $4,000 per year (2 years)
Application: Yes; deadline varies
Renewal: Yes
Eligibility: The Florida Fund for Minority Teachers scholarship awards tuition money to undergraduate education minority students who have been accepted and properly matriculated into a Florida state-approved education program. Applicants must be a resident of the State of Florida, a member of one of the following racial groups: African American/Black, Hispanic/Latino, Asian American/Pacific Islander, or American Indian/Alaskan Native, newly admitted into a teacher education program at any of FFMT's participating universities/colleges, be a junior and have not earned a baccalaureate degree in education, have earned 60 credit hours or an AA degree, and have not exceeded 18 hours of upper division undergraduate education courses at the time of application (includes current semester enrollment).
Contact: Fischler School of Education and Human Services' Office of Undergraduate Teacher Education at (954) 262-7900.

Future Educators Common Knowledge Scholarship
Amount: $500
Application: Yes; deadline varies
Renewal: No
Eligibility: To encourage careers in education, the Fischler School of Education and Human Services is offering the Future Educators Common Knowledge Scholarship which is a one-time $500 scholarship for all incoming undergraduate students who participated in a quiz conducted by the Common Knowledge Scholarship Fund and successfully enters into one of the following majors: Elementary Education, Exceptional Student Education, Pre-Kindergarten Primary Education, or Education with a concentration in Child Development. This $500 scholarship will be awarded during the student's junior year, and will give them a helpful boost at the beginning of their declared major of study. Nova Southeastern University has additional scholarship awards available for students interested in becoming teachers.
Contact: Fischler School of Education and Human Services' Office of Undergraduate Teacher Education at (954) 262-7900.

Hispanic Heritage Scholarship Award
Amount: $10,000
Application: Yes; deadline varies
Renewal: No
Eligibility: Undergraduate student majoring in Education, and entering junior students who have completed 60 credits and have been admitted into the Fischler School of Education and Human Services of Nova Southeastern University. Eligible applicants must be of Hispanic heritage, which is defined as having at least one parent of Hispanic ancestry, be fluent in Spanish, meet the Financial Aid Index, have a minimum GPA of 3.0 on a 4.0 scale and maintain a minimum GPA of 3.0 during the course of study, be willing to accept the scholarship at the Award ceremony, and be a U.S. citizen.
Contact: Fischler School of Education and Human Services' Office of Undergraduate Teacher Education at (954) 262-7900.

Kappa Delta Pi—International Honor Society Scholarships
Amount: Varies
Application: Yes; April 30 deadline for all scholarships, except the J. Jay Hostetler Scholarship, which has a December 31 and April 27 deadline
Renewal: Applicants can reapply for either the same scholarship that was previously awarded or for different scholarship awards. Applicants may only be awarded one scholarship per scholarship year.
Eligibility: Available for undergraduate and graduate students who are members in good standing with Kappa Delta Pi. Students must meet all University chapter requirements and must participate in numerous chapter and community-related events.
Contact: Fischler School of Education and Human Services' Office of Undergraduate Teacher Education at (954) 262-7900.

President's Scholarships for ten undergraduate students; $500 each. Deadline: April 28 – 30, 2008

Harold D. Drummond Scholarships for four undergraduate and graduate students in Elementary Education; $500. Deadline: April 28 – 30, 2008

Vincent McGrath Scholarships for two undergraduate students in Elementary Education; $500. Deadline: April 28 – 30, 2008

MBNA Scholarship for an undergraduate or graduate student in Special Education; $1,000. Deadline: April 28 – 30, 2008

Jack Rosen Scholarship for an Elementary Education major with a Science, Math, or Technology focus; $1,000.

Frank and Virginia Marsh Scholarships for one undergraduate and one graduate student who write, research papers based on issues that affect teachers and learning; $500 each. Deadline: April 28 – 30, 2008

Donna Gail Shaw Scholarship for Chapter Service for one undergraduate, graduate, or doctoral student, or practicing K-12 educator in the first three years of teaching; $1,000. Deadline: April 28 – 30, 2008

J. Jay Hostetler Scholarships for four student teachers; $500 each: 2 awarded in the **spring** (spring deadline December 31, 2008) and 2 awarded in the fall (fall deadline April 27, 2009)

Transitional Independent Living Undergraduate Scholarship
Amount: Full-tuition scholarship
Application: Yes; application form and essay must be submitted by May 8, 2008 deadline
Eligibility: This full tuition scholarship was established by the Fischler School of Education and Human Services to provide an undergraduate transitioning youth with the cost of tuition for undergraduate study with the School of Education. This four-year scholarship will be offered to one student beginning in the fall of 2008. Applicants must: be former foster care youth, have their high school diploma with a GPA of at least 2.6, have an SAT score of at least 900, submit a transcript from their high school, go through a selection process, have stable housing and transportation in place, and pursue a four year degree at the Fischler School of Education and Human Services. Recipients of the scholarship are expected to: meet the criteria to be accepted into the undergraduate program at Nova Southeastern University, complete the financial aid process, maintain full-time enrollment and a 2.6 GPA, and work with a learning community (i.e., mentors and peer study groups at the university).
Contact: Application forms and essays must be submitted to Elizabeth Wynter via email at *ewynter@unitedwaybroward.org*.

H. Wayne Huizenga School of Business and Entrepreneurship

The following scholarships are available to undergraduate students planning to enroll in a business program at the H. Wayne Huizenga School of Business and Entrepreneurship. Business students can access applications at *www.huizenga.nova.edu/FutureStudents/ScholarshipsFuture.cfm*.

Alpha Beta Gamma Honors Student Award
Amount: $1000/ year; 1 year
Application: No deadline
Renewal: No
Eligibility: Awards are made to undergraduate transfer students planning to enroll in the Professional and Liberal Studies (day) Program at the H. Wayne Huizenga School of Business and Entrepreneurship in a business related major. Must be an Alpha Beta Gamma Honor Student transferring from an accredited community college. Must have a minimum cumulative GPA of 3.25 (on a 4.0 scale).
Contact: Carla Withrow at (954) 262-5149

Broward County Academy of Finance Award – Incoming Students
Amount: $1,000 one-time award
Application: No deadline
Renewal: No
Eligibility: Awards are made to undergraduate freshman day students planning to enroll in a business program at the Huizenga School. Students must have completed the Broward Academy of Finance Program within the past year. Must prove financial need based on FAFSA.
Contact: Carla Withrow at (954) 262-5149

Broward County Academy of Finance Fellowship – Incoming Students
Amount: Equivalent to a FULL TUITION fellowship, award amount will vary based upon financial aid package.
Application: Yes; March 1 deadline
Eligibility: Awards are made to undergraduate freshman students planning to enroll in a business program at the Huizenga School. Students must have completed the Broward Academy of Finance Program within the past year with an overall GPA of 3.50 (on a 4.0 scale). Students must have a SAT score of 1200 or ACT score of 26 or higher. Must assist the Huizenga School with recruitment and retention projects as needed (10-20 hours per week) Must be a US citizen and Florida resident. Must prove financial need based on FAFSA.
Contact: Carla Withrow at (954) 262-5149

Broward Community College Honors Institute Fellowship – Incoming Students
Amount: Equivalent to a FULL TUITION fellowship, award amount will vary based upon financial aid package.
Application: Deadline not specified
Eligibility: Awards are made to undergraduate transfer students planning to enroll full time in the Professional and Liberal Studies (day) Program at the Huizenga School in a business related major. Must have earned an A.A. degree from Broward Community College Honors Institute Program within the past year. Must assist the Huizenga School with recruitment and retention projects as needed (10–20 hours per week) Must have a minimum cumulative GPA of 3.25 (on a 4.0 scale). Must have a demonstrated leadership involvement in a club or organization Must be a US citizen and Florida resident. Must prove financial need based on FAFSA.
Contact: Carla Withrow at (954) 262-5149

Community College Transfer Award – Incoming Students
Amount: $100 per course up to $400 per term and a $1000 max. per year
Application: No deadline
Eligibility: Awards are made to undergraduate students planning to enroll in a business program at the Huizenga School. Students must have earned an A.A .degree from a Florida Community College within the past 3 years. Must have a minimum cumulative GPA of 3.25 (on a 4.0 scale). Must have a minimum one year full-time professional experience. Must prove financial need based on FAFSA.
Contact: Carla Withrow at (954) 262-5149

DECA Award – Incoming Students
Award Amount: $1,000 one-time award

Application: No deadline
Renewal: No
Eligibility: Awards are made to undergraduate freshman day students planning to enroll in a business program at the Huizenga School. Students must have been a member of DECA in their local High School. Must prove financial need based on FAFSA. At Admission must show confirmed membership in the DECA organization.
Contact: Carla Withrow at (954) 262-5149

Eastern Financial Credit Union Scholarship
Amount: $2,500 per year for four years
Application: Deadline not specified
Eligibility: The Eastern Financial Credit Union scholarship is awarded to one new full-time undergraduate day business student. The award amount equals $2,500 per year for four years; recipients must maintain cumulative GPA of 3.35 in order to retain scholarship. Applicants must be a United States Citizen, with a minimum cumulative high school GPA of 3.5 (on a 4.0 scale) and a minimum SAT Score of 1100 (ACT Score of 25) and have demonstrate financial need.
Contact: Carla Withrow at (954) 262-5149

Extended Stay America Scholarship – Current Students
Amount: $2,000 one-time award
Application: Yes; September 1 deadline
Renewal: No
Eligibility: Awards are made to undergraduate or graduate students currently enrolled in a business program at the Huizenga School. Awards are made to current students who demonstrate high academic achievement. Students must have an earned 24 credits at NSU with a GPA of 3.5 or higher. Students must demonstrate financial need through FAFSA.
Contact: Carla Withrow at (954) 262-5149

The Falcone Group Scholarship
Amount: $2,500 per year for four years
Application: Deadline not specified
Eligibility: The Falcone Group scholarship is awarded to one new full time undergraduate day business student. The award amount equals $2,500 per year for four years; recipients must maintain cumulative GPA of 3.35 in order to retain scholarship. Applicants must be a United States Citizen, with a minimum cumulative high school GPA of 3.5 (on a 4.0 scale) and a minimum SAT Score of 1100 (ACT Score of 25) and have demonstrate financial need.
Contact: Carla Withrow at (954) 262-5149

H. Wayne Huizenga Scholarship - Incoming Students
Amount: $2,500 per year for four years
Application: Yes; March 1 deadline
Eligibility: Awards are made to undergraduate freshman or transfer students planning to enroll full time in a day business program (PALS). The award amount equals $2,500 per year for four years; recipients must have a minimum high school GPA of 3.75 (on a 4.0 scale) and minimum SAT score of 1200 or ACT score of 26. Applicants must be a United States Citizen. Students must demonstrate involvement with charitable organizations and volunteerism—preference will be given to those involved with the Boys and Girls Club of America. Students must demonstrate financial need through FAFSA.
Contact: Carla Withrow at (954) 262-5149

Lorraine Thomas Scholarship
Amount: $2,500 per year for four years
Application: Deadline not specified
Eligibility: The Lorraine Thomas scholarship is awarded to one new full time undergraduate day business student. The award amount equals $2,500 per year for four years; recipients must maintain cumulative GPA of 3.35 in order to retain scholarship. Applicants must be a United States Citizen, with a minimum cumulative high school GPA of 3.5 (on a 4.0 scale) and a minimum SAT Score of 1100 (ACT Score of 25) and have demonstrate financial need.
Contact: Carla Withrow at (954) 262-5149

Nokie Edwards Scholarship
Amount: $500 per year for four years
Application: Deadline not specified
Eligibility: The Nokie Edwards scholarship is awarded to one new full time undergraduate day business student. The award amount equals $500 per year for four years; recipients must maintain cumulative GPA of 3.35 in order to retain scholarship. Applicants must be a United States Citizen, with a minimum cumulative high school GPA of 3.5 (on a 4.0 scale) and a minimum SAT Score of 1100 (ACT Score of 25) and have demonstrate financial need.
Contact: Carla Withrow at (954) 262-5149

Senorita Strachan Scholarship
Amount: 50 percent off full tuition rates
Application: Deadline not specified
Eligibility: The Senorita Strachan Scholarship was developed to assist students enrolling at NSU's Bahamas Student Education Centers. Awards are equal to a 50% reduction off full tuition rates as published in the NSU Undergraduate Student Catalog and do not include fees or other student expenses. Applicants must be new students planning to enroll in an undergraduate business program at the Huizenga School, Bahamas locations. This is a competitive scholarship and applicants must have a minimum cumulative GPA of 3.5 (on a 4.0 scale) from their previous higher education institution(s), financial need and demonstrated involvement with volunteer work within the Bahamian community.
Contact: Carla Withrow at (954) 262-5149

Independent Colleges and Universities of Florida (ICUF) Scholarships

NSU participates in scholarship programs administered by the Florida Independent College Fund (FICF), a nonprofit foundation that supports members of the Independent Colleges and Universities of Florida (ICUF). FICF and its corporate partners are dedicated to providing financial assistance to students attending Florida's independent colleges and universities.

Students enrolled in either the Professional or Liberal Studies Program or the Career Development Program are eligible to apply for FICF scholarships. Eligibility and availability of FICF scholarships are subject to change without notice. Applications for FICF scholarships are first processed by the Office of the Dean. Students should review eligibility requirements and deadlines for available FICF scholarship opportunities at *www.ficf.org* and then for information and application, contact Student Services in the Farquhar College of Arts and Sciences Office of the Dean at *scholarships@nsu.nova.edu.*

Student Conduct—Academic Integrity

Students should refer to the NSU Student Handbook's full Code of Student Conduct and Academic Responsibility. Conduct standards, supplementary standards, and university policies and procedures are handled by the NSU Office of the Dean of Student Affairs or by the individual colleges and schools, as deemed appropriate.

Academic Conduct versus Other Conduct

Nova Southeastern University has established clear expectations regarding student conduct and academic responsibility. When these standards are violated, significant disciplinary action can be expected, including expulsion from the university. Students are expected to abide by all university, college, school, and program rules and regulations as well as all federal, state, and local laws. Students are also expected to comply with the legal and ethical standards of their chosen fields of study. Violations of academic standards are handled by the Office of the Dean in individual colleges and schools.

Academic Integrity in the Classroom

Instructors are charged with the responsibility to manage and evaluate academic integrity within their classrooms. If a student has violated standards of academic integrity, the instructor will assign an academic sanction (including failing the course) and will notify the appropriate administrative office, which may consider additional disciplinary action based on the severity of the infraction and whether there has been previous academic misconduct.

Violations of academic standards may result in a complaint filed against a student. Deans, associate deans, or directors, at their discretion, may immediately suspend students pending a hearing on charges of violations. Sanctions may include disciplinary probation, suspension, or expulsion, including notation on the student's academic transcript.

Academic Honesty Policy—College of Allied Health and Nursing

The following policy and procedure apply specifically to the College of Allied Health and Nursing as a supplement to the policy in the university-wide *Student Handbook*. Faculty members who have reasonable cause to believe that a student has committed an act of academic dishonesty may give the student a failing grade for the course and/or refer the student to the Academic Honesty Committee (AHC) for the College of Allied Health and Nursing for disciplinary recommendations. The Academic Honesty Committee is composed of faculty representatives from each discipline within the College of Allied Health and Nursing.

Once a student is referred to the AHC, the student is notified in writing as to his or her right to a formal hearing before the committee. The committee‘s chair will advise the dean of committee recommendations. The dean will notify the student in writing of the final disciplinary decision. Students have the right to appeal the dean‘s decision within five working days of receipt of notification, by submitting a written appeal to the chair of the appeals committee.

Appeals not submitted within the aforementioned timeframe shall not be heard.

Code of Academic and Clinical Conduct—Undergraduate Nursing Program

The Nursing Department supports the following Code of Academic and Clinical Conduct adopted by the National Student Nurses Association (NSNA) House of Delegates in 2001.

Preamble
Students of nursing have a responsibility to society to learn the academic theory and clinical skills needed to provide nursing care. The clinical setting presents unique challenges and responsibilities in actively practicing that care while caring for human beings in a variety of health care environments. The Code of Academic and Clinical Conduct is based on an understanding that to practice nursing as a student is an agreement to uphold the trust with which society has placed in us. The statements of the code provide guidance for the nursing student in the personal developments of an ethical foundation and need not be limited strictly to the academic or clinical environment but can assist in the holistic development of the person.

A Code for Nursing Students
As students are involved in the clinical and academic environments, nursing faculty members believe that ethical principles are a necessary guide to professional development. Therefore, within these environments students should:

- Advocate for the rights of all clients
- Maintain client confidentiality
- Make appropriate action to ensure the safety of clients, self, and others
- Provide care for the client in a timely, compassionate, and professional manner
- Communicate client care in a truthful, timely, and accurate manner
- Actively promote the highest level of moral and ethical principles and accept responsibility for their actions
- Promote excellence in nursing by encouraging lifelong learning and professional development

- Treat others with respect and promote an environment that respects human rights, values, and choice of cultural and spiritual belief
- Collaborate in every reasonable manner with the academic faculty and clinical staff to ensure the highest quality of client care
- Use every opportunity to improve faculty and clinical staff understanding of the learning needs of nursing students
- Encourage faculty members, clinical staff, and peers to mentor nursing students
- Refrain from performing any technique or procedure for which the student has not been adequately trained
- Refrain from any deliberate action or omission of care in the academic or clinical setting that creates unnecessary risk of injury to the client, self, or others
- Assist the staff nurse or preceptor in ensuring that there is full disclosure and that proper authorizations are obtained from clients regarding any form of treatment or research
- Abstain from the use of substances in the academic and clinical setting that impair judgment.
- Strive to achieve and maintain an optimal level of personal health
- Support access to treatment and rehabilitation for students who are experiencing impairments related to substance abuse and mental or physical health issues
- Uphold school policies and regulations related to academic and clinical performance, reserving the right to challenge and critique rules and regulations as per school grievance policy

Academic Integrity—Farquhar College of Arts and Sciences

In cases of significant or repeated instances of academic dishonesty, the Farquhar College of Arts and Sciences will convene an Academic Integrity Committee (AIC), comprised of faculty members and students. The AIC will meet only in cases in which a student wishes to challenge the sanction issued in a case of academic misconduct. The dean of the Farquhar College of Arts and Sciences may appoint up to five undergraduate students to serve on the AIC. One faculty member from each academic division serves on the committee, appointed by the academic director. The committee has no minimum number of members required for action; meetings are conducted based on faculty and student members present.

Students charged with academic misconduct will be notified of the impending sanction and be offered the opportunity to present mitigating evidence in their defense. If a student chooses to take advantage of this opportunity, the dean will convene a meeting of the AIC to consider the student's presentation. Faculty members involved will also be given the opportunity to present information. Such a review is optional. If a student is unable or unwilling to participate in this review, there will be no review and the appropriate sanction will be applied.

The Academic Integrity Committee does not review instructors' evaluation of coursework or decisions on academic misconduct. Students may appeal a classroom grade consequence of academic misconduct through the instructor and the academic director. Policies and procedures for appeal of grades are outlined in the *Problem Resolution Procedures* section, located in Academic Resources and Procedures, as well as in the *Grievance Process* sections within the individual college and school portions of this catalog.

Following review of students‘ presentations, the AIC decides whether a revision of consequences is warranted. The committee will make a recommendation to the dean, who will then make a final decision.

Student Conduct—NSU Code of Student Conduct

Excerpt from the 2008-2009 NSU Student Handbook.

Code of Student Conduct and Academic Responsibility

Purpose: This code seeks to promote high standards of behavior and academic integrity by setting forth the responsibilities of students as members of the university community. Abiding by the code ensures a climate wherein all members of the university community can exercise their rights of membership.

Code of Student Conduct Statement

The university is a community of scholars in which the ideals of freedom of inquiry, freedom of thought, freedom of expression, and freedom of the individual are sustained. However, the exercise and preservation of these freedoms and rights require a respect for the rights of all in the community to enjoy them to the same extent. It is clear that in a community of learning, willful disruption of the educational process, destruction of property, and interference with the orderly process of the university as defined by the university administration or with the rights of other members of the university cannot be tolerated. Students enrolling in the university assume an obligation to conduct themselves in a manner compatible with the university's function as an educational institution. To fulfill its functions of imparting and gaining knowledge, the university retains the power to maintain order within the university and to exclude those who are disruptive to the educational process.

In support of the Code of Student Conduct, any violations of the Code of Student Conduct and Academic Responsibility and/or university policies and procedures may result in disciplinary action and/or criminal prosecution. Violations of academic and/or supplementary standards will be handled through the student's academic college, center, or school. Violations of conduct standards, supplementary standards, university policies, and/or procedures will be handled by the Office of the Dean of Student Affairs or by the individual academic college, center, or school as deemed appropriate.

Changes to the Code of Student Conduct and Academic Responsibility will be posted on the Student Affairs Web site. Students are required to be familiar with the rules, policies, and Code of Student Conduct and Academic Responsibility.

Nova Southeastern University
Statement of Student Rights and Responsibilities

Nova Southeastern University, as a community of women and men, is committed to furthering scholarship, academic pursuits, and service to our society. As an institution, our purpose is to ensure all students an equal opportunity to fulfill their intellectual potential through pursuit of the highest standards of academic excellence.

Certain rights and obligations flow from membership in any academic community committed to such goals:

- The rights of personal and intellectual freedom, which are fundamental to the idea of a university
- Scrupulous respect for the equal rights and dignity of others
- Dedication to the scholarly and educational purposes of the university and participation in promoting and ensuring the academic quality and credibility of the institution

Students are responsible for obtaining, learning, and observing the established university and academic center policies as listed in all official publications. In addition, students must comply with the legal and ethical standards of the institution, as well as those of Broward County, the state of Florida, as well as any other laws, rules, and/or regulations of other jurisdictions. All members of the community should inform the appropriate official of any violation of conduct regulations.

A. Academic Standards

The university is an academic community and expects its students to manifest a commitment to academic integrity through rigid observance of standards for academic honesty. The university can function properly only when its members adhere to clearly established goals and values. Accordingly, the academic standards are designed to ensure that the principles of academic honesty are upheld.

The following acts violate the academic honesty standards:

1. **Cheating:** intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise
2. **Fabrication:** intentional and unauthorized falsification or invention of any information or citation in an academic exercise

3. **Facilitating Academic Dishonesty:** intentionally or knowingly helping or attempting to help another to violate any provision of this code
4. **Plagiarism:** the adoption or reproduction of ideas, words, or statements of another person as one's own without proper acknowledgment

Students are expected to submit tests and assignments that they have completed without aid or assistance from other sources. Using sources to provide information without giving credit to the original source is dishonest. Students should avoid any impropriety or the appearance thereof in taking examinations or completing work in pursuance of their educational goals.

Students are expected to comply with the following academic standards:

1. **Original Work:**
   Assignments such as course preparations, exams, texts, projects, term papers, practicum, etc., must be the original work of the student. Original work may include the thoughts and words of another author. Entire thoughts or words of another author should be identified using quotation marks. At all times, students are expected to comply with the university and/or program center's recognized form and style manual and accepted citation practice and policy.

   Work is not original when it has been submitted previously by the author or by anyone else for academic credit. Work is not original when it has been copied or partially copied from any other source, including another student, unless such copying is acknowledged by the person submitting the work for the credit at the time the work is being submitted, or unless copying, sharing, or joint authorship is an express part of the assignment. Exams and tests are original work when no unauthorized aid is given, received, or used before or during the course of the examination, re-examination, and/or remediation.

2. **Referencing the Works of Another Author:**
   All academic work submitted for credit or as partial fulfillment of course requirements must adhere to each program center's specific accepted reference manuals and rules of documentation. Standards of scholarship require that the writer give proper acknowledgment when the thoughts and words of another author are used. Students must acquire a style manual approved by their center and become familiar with accepted scholarly and editorial practice in their program. Students' work must comport with the adopted citation manual for their particular center.

   At Nova Southeastern University, it is plagiarism to represent another person's work, words, or ideas as one's own without use of a center-recognized method of citation. Deviating from center standards (see above) are considered plagiarism at Nova Southeastern University.

3. **Tendering of Information:**
   All academic work must be the original work of the student. Knowingly giving or allowing one's work to be copied, giving out exam questions or answers, or releasing or selling term papers is prohibited.

4. **Acts Prohibited:**
   Students should avoid any impropriety or the appearance thereof, in taking examinations or completing work in pursuance of their educational goals. Violations of academic responsibility include, but are not limited to the following:

   - Plagiarism
   - Any form of cheating
   - Conspiracy to commit academic dishonesty
   - Misrepresentation
   - Bribery in an attempt to gain an academic advantage
   - Forging or altering documents or credentials
   - Knowingly furnishing false information to the institution

   Students in violation will be subjected to disciplinary action.

5. **Additional Matters of Ethical Concern:**
   Where circumstances are such as to place students in positions of power over university personnel, inside or outside the institution, students should avoid any reasonable suspicion that they have used that power for personal benefit or in a capricious or arbitrary manner.

B. Conduct Standards

1. Students should not interfere with the rights, safety, or health of members of the university community nor interfere with other students' right to learn. Students are expected to abide by all university, center, and program rules and regulations and all local, state, and federal laws. Violations of conduct standards include, but are not limited to

   a. theft (including shoplifting at any university service center, e.g., bookstore, food service facility), robbery, and related crimes
   b. vandalism or destruction of property
   c. disruptive behavior / disorderly conduct (e.g., in residence halls and classrooms, or at university-sponsored events, on or off campus)
   d. physical or verbal altercation, assault, battery, domestic violence, or other related crimes
   e. gambling
   f. possession or use of firearms, fireworks, explosives, or other dangerous substances or items
   g. possession, transfer, sale, or use of illicit and/or illegal drugs or alcohol if a minor
   h. appearance in class or on campus under the apparent influence of drugs or alcohol, illegal or illicit drugs or chemicals
   i. any act or conspiracy to commit an act that is harassing, abusive, or discriminatory or that invades an individual's right to privacy; sexual harassment; discrimination and abuse against members of a particular racial, ethnic, religious, on the basis of sex / gender, sexual orientation, marital status or cultural group and/or any other protected group or as a result of an individual's membership in any protected group
   j. sexual misconduct
   k. stalking
   l. unacceptable use of computing resources as defined by the university. Students are also subject to the Acceptable Use of Computing Resources policy at *www.nova.edu/common-lib/policies/aucr.policy.html.*
   m. impeding or obstructing NSU investigatory, administrative, or judicial proceedings
   n. threats of or actual damage to property or physical harm to others
   o. ―Hazing" means any action or situation that recklessly or intentionally endangers the mental or physical health or safety of a student for purposes including, but not limited to, initiation or admission into or affiliation with any organization operating under the sanction of a postsecondary institution. Hazing includes, but is no limited to, pressuring or coercing the student into violating state or federal law; any brutality of a physical nature, such as whipping, beating, branding, or exposure to the elements; forced consumptions of any food, liquor, drug, or other substance or other forced physical activity that could adversely affect the physical health or safety of the student; and any activity that would subject the student to extreme mental stress, such as sleep deprivation, forced exclusion from social contact, forced conduct that could result in extreme embarrassment, or other forced activity that could adversely affect the mental health or dignity of the student. Hazing does not include customary athletic events or other similar contests or competitions or any activity or conduct that furthers legal and legitimate objective. (Florida Hazing Law, 1006.63) Engaging in, supporting, promoting, or sponsoring hazing or violating university rules governing hazing is prohibited.
   p. failure to pay tuition and fees in a timely manner
   q. embezzlement or misuse of NSU and/or student organizational funds or monies
   r. failure to comply with the directives of NSU officials
   s. violation(s) of the terms or condition of a disciplinary sanction(s) imposed
   t. violation of any policy, procedure, or regulation of the university or any state or federal law, rule, regulation, or county ordinance
   u. fraud, misrepresentation, forgery, alteration or falsification of any records, information, data, or identity
   v. plagiarism
   w. possession of drug paraphernalia
   x. use of another student's ID card

2. Students must have authorization from the university to have access to university documents, data, programs, and other types of information and information systems. Any use of the above without authorization is prohibited.

C. Supplementary Standards

Students are expected to comply with the legal and ethical standards of this institution and those of their chosen field of study, including the Code of Ethics for Computer Usage. The university and each center or program may prescribe additional standards for student conduct. Reasonable notice may be provided when additions or changes are made to the standards for student conduct. Students should refer to their center and/or Student Affairs Web site for policy updates or changes.

D. Violations

Any violation(s) of any of the academic standards, conduct standards, or supplemental standards may result in a complaint being filed against a student to enforce the Code of Student Conduct and Academic Responsibility. Deans, associate deans, or directors may, in their discretion, immediately suspend students pending a hearing on charges of academic, conduct, or supplemental standards violations. Violations of academic, conduct, or supplemental standards are subject to disciplinary action, up to and including, expulsion from the university. Violations of academic standards will be handled through the student's academic college, school, or center. Violations of conduct or supplementary standards will be handled by the Office of the Dean of Student Affairs or by the individual academic college, school, or center as deemed appropriate.

E. Sanctions

If the student is found in violation of the Code of Student Conduct and Academic Responsibility and/or university policies and procedures, one or more of the following sanctions may be imposed. The following list is only illustrative. The university reserves the right to take additional disciplinary action as it deems appropriate.

1. **Expulsion:**
   Permanent dismissal from the university with no right for future readmission under any circumstances. A student who has been expelled is barred from campus and/or visiting privileges.

2. **Suspension:**
   Mandatory separation from the university for a period of time specified in an order of suspension. An application for readmission will not be entertained until the period of separation indicated in the suspension order has elapsed. Readmission is subject to approval of the university. During the period of suspension, the student is barred from campus visiting privileges unless specific permission is granted by the dean of student affairs or designee.

3. **Temporary Suspension:**
   Action taken by the dean of student affairs / associate dean of student affairs, which requires a student's temporary separation from the university until a final determination is made of whether or not a student is in violation of the Code of Student Conduct and Academic Responsibility.

4. **Final Disciplinary Probation:**
   A disciplinary sanction serving notice to a student that his / her behavior is in flagrant violation of university standards, under which the following conditions exist:

   a. The sanction is for the remainder of the student's career and may be reviewed by the dean of student affairs no sooner than two regular academic semesters or equivalent after the sanction is imposed. After two semesters in attendance, a student may initiate a request in writing for reduction of the sanction to disciplinary probation, but must also demonstrate reason to substantiate the request.
   b. Another violation of the Code of Student Conduct and Academic Responsibility will at a minimum result in suspension.

5. **Disciplinary Probation:**
   A disciplinary sanction serving notice to a student that his / her behavior is in serious violation of university standards. A time period is indicated during which another violation of the Code of Student Conduct and Academic Responsibility will automatically raise the question of a more severe sanction (suspension or expulsion) if the student is found in violation.

6. **Disciplinary Warning:**
   A disciplinary sanction serving notice to a student that his / her behavior has not met university standards. This sanction remains in effect for a designated number of semesters of attendance after which it is expunged from the student's file.

7. **Verbal Warning:**
   A verbal warning is a verbal admonition to the student by a university staff member that his / her behavior is inappropriate. A verbal warning will be noted in the student's file for a period of time after which it is expunged from the student's file.

8. **Fines:**
   Penalty fees payable to the university for violation of certain regulations with the Code of Student Conduct and Academic Responsibility.

9. **Restitution:**
   Payment made for damages or losses to the university, as directed by the adjudicating body.

10. **Restriction or Revocation of Privileges:**
    Restriction or revocation of privileges is the temporary or permanent loss of privileges, including, but not limited to, the use of a particular university facility, visitation privileges, and parking privileges.

11. **Termination or Change of Residence Hall Contract/Accommodation:**
    Termination or change of residence hall contract/accommodation is a disciplinary sanction that terminates or changes the Residence Hall Contract/Accommodation. This should be accompanied by another form of disciplinary action. It is considered permanent unless lifted by the dean of student affairs / associate dean of student affairs / director of residential life or designee.

12. **Counseling Intervention:**
    When extreme behavior indicates that counseling may be beneficial, the student may be referred to counseling.

13. **Other Appropriate Action:**
    Disciplinary action not specifically outlined above, but approved through the dean of student affairs / associate dean of student affairs or designee.

14. **Parent / Legal Guardian Notification:**
    NSU personnel reserve the right to contact or notify a student's parent(s) or legal guardian(s) of a minor student, under 21 years of age, in writing or by phone, when alcohol or drug violations of university policy occur, for other violations of NSU policy and procedure, and/or when NSU personnel determine a student's safety and/or welfare is at risk.

F. Appeal Process

An appeal of disciplinary action taken by the Office of the Dean of Student Affairs or its designee must be made in writing to the dean of student affairs within 72 hours of the receipt of the written disposition of the hearing. In appealing a disciplinary decision, the appeal must fall into one of the following categories:

1. The student has new evidence that was not available prior to the original hearing
2. The disciplinary process was not adhered to during the student's hearing
3. The sanction(s) do not relate appropriately to the violation

A written decision will be provided by the dean of student affairs within a reasonable amount of time from receipt of the appeal request. The decision of the dean of student affairs will be final.

For appeals of disciplinary action taken by individual colleges, centers, or schools, please consult the preceding *Student Conduct—Academic Integrity in the College or School* section of this catalog.

Technical Help

The Online Computing Help Desk of NSU's Office of Information Technology provides telephone and email support to NSU students, faculty, and staff. Support services include assistance with connecting to NSU's online computing systems; navigating through the WebCT system; resolving Personal Identification Number (PIN) issues; supporting wireless computing on campus; and configuring various software programs such as Microsoft Outlook, Netscape Navigator, and Internet Explorer. Contact the Help Desk at (954) 262-4357 (800-541-6682, ext. 24357) or *help@nsu.nova.edu*.

Travel Study Programs

Nova Southeastern University is committed to providing undergraduate students with travel study opportunities, the flexibility to earn college credit and receive financial assistance for travel study, and the support necessary for students to plan and realize their own, individual travel goals. For more information about study abroad, contact the Office of the Dean in the Farquhar College of Arts and Sciences at (954) 262-8222.

Travel Study Programs Sponsored by the Farquhar College of Arts and Sciences

The Farquhar College of Arts and Sciences offers organized travel study programs that award course credits and may satisfy specific major requirements. Students may also choose to take advantage of organized travel study programs without receiving credit. Sponsored programs include travel study to England, the Great Barrier Reef, Peru, Ecuador, and the Galapagos Islands. In addition to these programs, the college organizes an annual photographic expedition, led by one of a faculty member, to explore in-depth the natural history and culture of one country. In past years, expeditions have traveled to Chile, China, Costa Rica, East Africa, Malaysia, and St. Lucia.

Travel Study Programs Sponsored by Other Institutions

Students interested in a specific travel study program offered through another university or institution should contact their academic advisor to discuss the program and the steps necessary for applying. The Office of the Dean in the Farquhar College of Arts and Sciences can also help locate shared/sponsored programs to more than 150 countries, some that last three weeks to as long as one year.

Individually Designed Travel Study Programs

Students may also design and receive credit for their own travel study experiences. Students interested in designing their own program should contact the Office of the Dean in the Farquhar College of Arts and Sciences to discuss a proposed trip's academic and travel details.

Tuition and Fees

Students should refer to the NSU Student Handbook for more information about tuition payment policies and health insurance requirements.

College of Allied Health and Nursing

Tuition and Fee Chart 2007–2008

Fee Description	B.H.Sc.–Online	B.H.Sc.–Vascular Sonography	Entry-level B.S.N.	R.N. to B.S.N.
Application fee	$50	$50	$50	$50
Acceptance fee		$500	$500	
Deposit Due July 15 for August start Due November 15 for January start		$250	$250	
Health Professions Division – access fee		$125	$145	$145
Pre-registration fee		$250		
Registration fee	$25	$25	$25	$25
Tuition deferment/Late payment fee (per semester)	$50	$50	$50	$50
Student services fee (per semester)	$125 (one 1-4 credit class OR multiple classes with 3 or fewer total credits) $250 (one 5 credit class OR multiple classes with 4 or more total credits)			
Program tuition (per year)				
Florida resident		$17,225	$17,985	
Out-of-state resident			$19,425	
Program tuition (per credit)				
Tuition/credit	$225			$495
Laboratory fee (semester)			$150	
Materials Fee	Variable where applicable			
I.D. Replacement Fee	$20	$20	$20	$20
Application for degree processing fee (diploma only) (Seniors only)	$75	$75	$75	$75
Commencement Fee (Seniors only)		$150	$150	$150
Diploma Replacement Fee	$30	$30	$30	$30
Official Transcripts	$5	$5	$5	$5
Room rate per semester (varies based on occupancy and residence hall)	$2,119–$4,346			
Meal plan per semester (declining balance)	$1,200 $1,200 (Goodwin Hall and The Commons residents)			

Farquhar College of Arts and Sciences, Fischler School of Education and Human Services, and H. Wayne Huizenga School of Business and Entrepreneurship

Tuition and Fee Chart 2008–2009

Application fee	$50
Registration fee (per semester)	$25
Late registration fee (per semester)	$100
Tuition deferment/Late payment fee (per semester)	$50
Student services fee (per semester)	$125 (one 1-4 credit class OR multiple classes with 3 or fewer total credits) $250 (one 5 credit class OR multiple classes with 4 or more total credits)
PALS Programs	
Tuition/semester (12-18 credits)	$9,900
Tuition/credit (under 12 credits, additional credits over 18 credits)	$660
Career Development Programs	
Main campus tuition/credit	$520
Off-campus program tuition/credit	$390
Online program tuition/credit	$520
Professional Programs	
Fischler School of Education and Human Services' Online Program tuition/credit	$390
Fischler School of Education and Human Services' A.A. with an emphasis in early childhood education (A.A./ECE) major tuition/credit	$252
Fischler School of Education and Human Services' applied professional studies (APS) major in Jamaica tuition/credit	$300
Laboratory fee (per credit)	$20
Field trip fee (per credit)	$5
Materials fee	variable where applicable
PSYC 4810 practicum insurance	$22
LEGS 2100/LEGS 4110 Lexis/Nexis fee	$40
Application for degree processing fee (diploma only) (Seniors only)	$75
Transcript fee	$5
Cap and gown fee	Assessed at time of graduation
Room rate per semester (varies based on occupancy and residence hall)	$2,119–$4,346
Meal plan per semester (declining balance)	$1,200 (Goodwin Hall and The Commons residents)

Explanation of Tuition Rates

Professional and Liberal Studies (PALS) Program Tuition

All students in the main campus Professional and Liberal Studies (PALS) Program enrolling in 12-18 credit hours per semester pay flat-rate tuition in the fall and winter semesters. Students will not be charged additional tuition for adding classes as long as they do not go above the 18-credit hour limit. Each credit above 18-credit hours will be charged on a per credit basis. Students seeking to register for course loads above 18 credits must request permission from their division or program's academic director. Courses dropped do not count in this total. Full-time students who process drops or withdrawals after the first two weeks of the semester will not receive any refunds, even for classes that begin during the second half of the semester.

Students enrolled in 1-11 credits will be charged on a per-credit basis. Students who initially register for 1-11 credits, then add credits that increase their course load to 12-18 credits, will be charged the full flat-rate tuition. Students who officially drop courses and fall below 12 credits will have their tuition recalculated on a per-credit basis. Extreme care and consideration should be taken when deciding to enroll in fewer than 12 credits during a semester. Enrolling in fewer than 12 credit hours may reduce or eliminate scholarships, and institutional, federal, or other financial aid. A student enrolling in fewer than 12 credit hours (or dropping courses that results in fewer than 12 credits) is encouraged to speak with a financial aid counselor about the potential negative impact this decision may have on financial aid.

Tuition for the Day Program during summer terms is charged per credit regardless of the number of enrolled credits.

Career Development Program Tuition

Students in the Career Development Program pay tuition per credit hour. Rates vary depending on location of classes: main campus, off-campus, or online.

Bachelor of Health Science—Online Program Tuition and Fees

Tuition for the 2008–2009 academic year (subject to change by the board of trustees without notice) is $225 per credit hour. The following additional fees also apply:

- $50 nonrefundable application fee
- An NSU student services fee of $750 is required annually.
- Students are responsible for purchasing any required textbooks and/or classroom materials.
- $75 diploma only fee
- A graduation and diploma fee of $225 will be incurred by those students who elect to participate in the formal, on-campus graduation ceremony (not required).

Tuition waivers and discounts for NSU students, staff, and faculty members will be in accordance with published policy and administered through the dean of the College of Allied Health and Nursing. Tuition, fees, and payment schedules are subject to change without notice.

Bachelor of Health Science—Vascular Sonography Program Tuition and Fees

Tuition for the 2008–2009 academic year (subject to change by the board of trustees without notice) is $17,225. The following additional fees also apply:

- $50 nonrefundable application fee
- $500 acceptance fee
- $250 deposit
- $250 preregistration fee
- Students are responsible for purchasing any required textbooks, uniforms, white coats and/or classroom materials.

- A graduation and diploma fee of $225 will be incurred by those students who elect to participate in the formal on-campus graduation ceremony (not required).
- A $125 vascular access fee is required yearly. This fee is required to pay for background checks, drug testing (if required), affiliation agreements, and immunizations

Tuition waivers and discounts for NSU students, staff, and faculty members will be in accordance with published policy and administered through the dean of the College of Allied Health and Nursing. Tuition, fees, and payment schedules are subject to change without notice.

Bachelor of Science in Nursing—Entry-Level Track Tuition and Fees

Tuition for the 2008–2009 academic year (subject to change by the board of trustees without notice) is $17,985 for Florida residents and $19,425 for out-of-state students. The following additional fees also apply:

- A Health Professions Division general access fee of $145 is required each year. An NSU student services fee of $750 is also required annually.
- The acceptance fee is $500. This fee is required to reserve the accepted applicant's place in the entering first-year class, but is not refundable in the event of a withdrawal. It is payable within two weeks of an applicant's acceptance.
- The deposit is $250. This is due July 15 for August admission and November 15 for January admission.
- The pre-registration fee is $250. This is due August 1 for August admission and December 1 for January admission.
- The lab fee is $150. This is due on or before registration.
- Students may incur additional costs in the program, including PDA, FNSA dues, uniforms, and lab coat.

The first semester's tuition and fees, less the $1,000 previously paid, are due on or before registration day. Tuition for each subsequent semester is due on or before the appropriate registration day. Students will not be admitted until their financial obligations have been met.

Each student is required to carry adequate personal medical and hospital insurance. Students may avail themselves of the hospitalization insurance plan obtainable through the university.

The Office of Student Financial Assistance and the Nursing Department are eager to assist students in exploring all the grants and loans currently available for nursing students. Do not hesitate to ask for this help.

Bachelor of Science in Nursing—R.N. to B.S.N. Tuition and Fees

Tuition for the R.N. to B.S.N. track is $495 per credit hour for academic year 2008–2009 (subject to change by the board of trustees without notice). A Health Professions Division general access fee of $145 is required each year. An NSU student services fee of $750 is also required annually.

There are a number of national, Florida, and hospital grants available for the R.N. student. Additionally, student loan interest for nursing students is lower than for students seeking other degrees. The financial aid office and the nursing department are eager to assist students in exploring all possible financial aid options. Please do not hesitate to ask for this help.

Charges and Payments—College of Allied Health and Nursing

Tuition charges in the College of Allied Health and Nursing are automatically calculated when students register for classes. Students are expected to pay in full at the time of registration, or have completed the necessary paperwork for financial aid and have been awarded. Students may pay for tuition using credit cards: MasterCard, VISA, or American Express. Credit card payments may now be made online.

Course Remediation Cost—College of Allied Health and Nursing

The cost of repeating a course in the Health Professions Division is not covered in the regular tuition. Students who fail a course, didactic or fieldwork, will be required to repeat the course and will be charged a per semester hour rate as determined by the executive vice chancellor and provost.

Tuition Payment Options

Although payment is due in full at the time of registration, certain deferments and payment plans are available to undergraduate students. Students should refer to the NSU Student Handbook for tuition payment policies and options. To explore all options, students may visit the NSU Bursar's Office website at *www.nova.edu/cwis/bursar/payment.html*.

Installment Plans

Certain full-time undergraduates may elect a three-month installment plan to pay tuition expenses. One third of tuition is paid at registration, one third in 60 days, and one third in 90 days, (for 8 week terms, payments are due in 30 days and 60 days). Students must provide post-dated checks or credit card authorizations at the time of registration. A $50 deferment fee is charged for this service and must be paid at registration. Full-time undergraduate students receiving financial aid may also elect this plan to pay any remaining tuition balance due NSU. Foreign students may NOT elect to pay with this plan unless they are attending classes at the main campus.

Employer Tuition Assistance Plans

Undergraduates participating in employer tuition assistance programs who wish to defer tuition payment may submit a letter of eligibility or purchase order from their employer. They must also provide post-dated checks or credit card authorizations for the amount of tuition. Payment, of tuition only (not fees), may then be deferred for five weeks after course completion. A $50 deferment fee is charged for this service and must be paid at registration along with all other fees.

Any payment plan or a tuition assistance plan elected by a student pertains only to tuition and fee charges that exceed any financial aid due the student.

Gap Payment Plan (Sallie Mae)

Administered by TuitionPay, The Gap Payment Plan is an affordable, interest-free option that will help undergraduate students pay any balance due after exhausting all of your financial aid.
Gap payment plan offers a ten-month payment plan, which is available to part-time and full-time degree seeking undergraduate students who are U.S. residents. Students may pay part or all of their annual charges in ten equal monthly payments with no interest. Participation is on an annual or semester basis. Gap payment plan offers the plan with a $100 non-refundable annual application fee. For information on this plan, call 1-800-806-3680 or visit the TuitionPay website at *www.tuitionpayenroll.com/nova*.

Florida Prepaid College Plan

Nova Southeastern University is a private institution of higher learning but does accept and bill Florida Prepaid College Plan for tuition and fee costs. However, the plans are based on the tuition rates of the tax assisted Florida Public Colleges and Universities. The difference between Nova Southeastern University tuition and fee cost and that of the Florida Prepaid College Plan is the sole responsibility of the student. To learn more about the plan, visit *www.florida529plans.com/prepaid*.

Tuition Deferment / Late Payment Fee

Students with any balance unpaid by the thirtieth day of the semester will be assessed a $50 late payment fee and a hold will be placed on their account. In addition, no further registrations will be accepted until the balance is paid in full.

Consequences for Nonpayment

The student's failure to meet financial obligations in accordance with university policy at the end of 70 days will result in an automatic letter of notification being sent to the student informing him/ her that failure to resolve his/ her financial obligation within 10 days will result in administrative withdrawal from class. The university bursar shall:

- Identify those students who have still failed to meet their financial obligation at the end of each 30-day period
- Notify those students of their failure to pay
- Forward to the program office the names of all students in delinquent status for the program office to take appropriate administrative action Those students who fail to meet financial obligations shall not receive any academic credit for the coursework taken.

Tuition Refund Policies

Refunds of Admission Deposits

The $200 deposit paid upon admission to the Professional and Liberal Studies (PALS) Program is refundable if requested by May 1 for fall enrollment, September 1 for winter enrollment, or January 1 for summer enrollment.

Refunds of Tuition and Fees

Pro-rated tuition refunds are limited to the first two weeks of each term (during the add/drop period) according to the policies outlined below for each program. All fees will be refunded to students prior to the first day of classes for a semester. Non-attendance does not constitute an official drop. Students must formally drop courses in order to be eligible for a refund. Contact an academic advisor for assistance.

Processing of Refunds

For tuition refund requests to be considered, students must provide written notification to their academic advisor. Refund amounts are based on the date of written notification, such as the date of sent email (must be from an NSU email account) or postmark for mailed requests. For general registration, drop/add, and withdrawal policies, refer to *Academic Policies and Procedures*.

Refunds for Expelled Students

Students who are expelled from NSU will not receive tuition refunds.

Refunds for Course Cancellations

The university reserves the right to cancel any course or section when registered enrollments are low. The university will refund 100 percent of tuition and any associated class fees for courses that are cancelled. If a student registered for only one course, the registration fee and student services fee will also be refunded.

Exceptions to Refund Policies

Refunds or credits to student accounts may be considered after the drop period if proof of exceptional circumstances exists. Students should contact their academic advisor with questions about exceptional circumstances. Requests for refunds must be made during the same semester in which courses are scheduled.

It is the student's responsibility to provide all necessary documentation. Academic advisors will forward requests to appropriate directors for consideration. See also the *Student Action Forms* section in Academic Resources and Procedures.

Specific Program Tuition Refund Policies

Refunds for the Bachelor of Health Science—Online Program

This is the controlling policy for the Bachelor of Health Science online program. Students will receive a 100 percent refund for each course dropped online through the WebSTAR system by the tenth calendar day of the start of the term. Withdrawals during the eleventh through twentieth days of term must be accompanied by a written course withdrawal request, sent to the program office, or no refund will be given the student.

- Drops made through the WebSTAR system during the first 10 days of term: 100 percent
- Withdrawals made during the eleventh through fifteenth days of term, when accompanied by an online written withdrawal notice sent to the program office: 75 percent
- Withdrawals made during the sixteenth through twentieth days of term when accompanied by an online written withdrawal notice sent to the program office: 50 percent
- Withdrawals after the twentieth day of term: no refund

Career Development Program and Fischler School of Education and Human Services' Professional Programs Refund Policy

Tuition for career development and part-time PALS students is charged on a per-credit basis (part-time day students are defined as those enrolled in fewer than 12 credits). Tuition for the Fischler School of Education and Human Services' A.A./ECE, BSCD, and APS programs is also charged on a per-credit basis. Refunds for dropped classes are given according to the following schedule based on calendar days:

- Drops prior to first day of term in which the class begins: 100 percent
- Drops during the first seven days of term: 75 percent
- Drops during the eighth through fourteenth days of term: 50 percent
- Withdrawals after the fourteenth day of term: no refund

Veterans' Benefits

Standards of Progress

A student receiving veterans' benefits must maintain satisfactory progress. Students will be considered to be making satisfactory progress as long as they meet the academic standards set by their school for retention in their degree programs.

A student who, at the end of any evaluation period, has not attained and maintained satisfactory progress will be certified, in a probationary status, for only one additional evaluation period. Should this student not attain and maintain satisfactory progress by the end of the probationary period (one evaluation period), the student's Department of Veterans Affairs (VA) educational benefits will be terminated for unsatisfactory progress.

A student whose VA educational benefits have been terminated for unsatisfactory progress may petition the school to be recertified after one evaluation period has elapsed. The school may recertify the student for VA educational benefits only if there is a reasonable likelihood that the student will be able to attain and maintain satisfactory progress for the remainder of the program.

For VA payment of benefits purposes, an I (Incomplete) designation for a course must be converted to a credit grade counting toward graduation, or a failing grade, by the end of one calendar year unless permission for a delay is granted by the academic dean for that program. An NG (no grade) designation for a course must be converted to a credit grade counting toward graduation, of a failing grade, by the end of one regular semester unless permission for a delay is granted by the academic dean for that program.

Grade/Progress Reports

Each student who has VA benefits will be provided a grade/progress report at the end of every evaluation period (e.g., term, semester). A copy of each report will be placed in the student's permanent file maintained by the school. The university periodically furnishes each student with a working transcript that shows current status of grades and earned semester hours for all courses completed and/or attempted, plus grades for all courses in which the student is currently enrolled.

Credit for Prior Training (CPT)

Nova Southeastern University complies with federal regulations for veterans' training in that it is mandatory for all veterans' benefit recipients to report either prior education and/or training. A student receiving veterans' benefits who has previous postsecondary educational training/experience must request official transcript(s)to be sent to the school. If the transcript has not been received prior to the end of the student's second term at Nova Southeastern University, the student cannot be certified for veterans' benefits for the upcoming term. The student can be certified for veterans' benefits only after the transcript has been received.

The school will evaluate the student's previous training and/or experience and grant credit as appropriate. Should credit(s) be accepted and/or granted, the tuition and training time will be reduced proportionately, with the student eligible for veterans' benefits and VA so notified.

Student Conduct

All students are expected to comply with the legal and ethical standards of this institution. Academic dishonesty and/or nonacademic misconduct will result in disciplinary action. Specific instances of misconduct include, but are not limited to, cheating, plagiarism, knowingly furnishing false information to the institution, and forging or altering institutional documents and/or academic credentials.

The institution reserves the right to require a student to withdraw at any time for misconduct as described above. It also reserves the right to impose probation or suspension on a student whose conduct is determined to be unsatisfactory. Students who feel their rights have been denied are entitled to due process.

Withdrawal from Classes

Students may withdraw from a class after the drop and add periods have ended. Withdrawn courses will remain on student transcripts with a notation of W, but will not affect the student's GPA. For information about the drop and add periods, see *Dropping and Adding Classes*. For the tuition refund schedule during drop and add periods, refer to the *Tuition and Fees* section. Contact the appropriate office (i.e., Financial Aid, Bursar's Office, Loan Disbursing Office) to determine the exact nature of how changes will affect financial and academic standing.

College of Allied Health and Nursing

Students enrolled in classes offered by the College of Allied Health and Nursing may withdraw from a course or program of study with consultation and approval of the academic advisor and program director and/or department chair.

Bachelor of Health Science—Online Program

Students must submit a written request for withdrawal to the program director between the eleventh and twentieth calendar day after the beginning of the class in which the student is enrolled. Students may request withdrawal only if they are in good standing and not failing the course. A grade of W (withdrawal) or WP (withdraw passing) will be recorded. A withdrawal from a course requires approval from the program director. Unofficial, late, or poor standing withdrawals may result in a grade of WF (withdraw failing). Withdrawal from a clinical site may significantly extend the length of the program of study.

Nursing Department

Students may initiate a withdrawal after the first week of the term, after a semester or term's drop/add period. Students who would like to withdraw from a nursing course should make an appointment to see the program director for advising. Students must complete a withdrawal form if they wish to receive a W on their transcripts, rather than an unsatisfactory course grade.

Both undergraduate nursing programs entail sequential, lockstep coursework. Therefore, students must complete the course from which they withdrew before advancing in the program. Students who wish to be readmitted to a nursing course must notify the program director at least one term prior to their desired re-entry date. Every effort will be made to accommodate their desire for re-enrollment. Re-enrollment in clinical courses is on a space-available basis. Because the second enrollment is the last time for students to successfully accomplish course objectives, they are encouraged to realistically assess those factors that inhibited their accomplishment during the previous enrollment (financial limitations, family obligations, personal concerns, reading skills, etc.) Only when such an assessment has been made and necessary corrective steps taken, should students attempt a nursing course for the second time.

If students are out of a program area for 12 months or longer, for purposes of re-entry they will be required to pass a test(s) measuring theoretical and/or clinical competencies.

Farquhar College of Arts and Sciences
Fischler School of Education and Human Services
H. Wayne Huizenga School of Business and Entrepreneurship

Students may initiate a withdrawal from a course after the first two weeks from the start of the course. Students may withdraw from a course with no financial refund or credit up until the end of the week following the halfway point of the semester or term, depending on the course length. For example, students may withdraw up until the end of the fifth week of a term for an 8-week course or up until the end of the ninth week of a semester for a 16-week course. For exact dates, refer to the *Academic Calendars* section.

There is no financial refund if a student withdraws from a course. Total credits attempted are not reduced by course withdrawals, nor does this action affect current term financial aid. Withdrawing from a course limits the number of possible credits earned, which may affect future required academic progress.

Not attending classes does not constitute official withdrawal. A student who stops attending classes will receive grades based on course requirements and work completed.

Withdrawals cannot be processed in WebSTAR; students who plan to withdraw from a course must notify their academic advisor. Withdrawal forms must be received and processed by academic divisions prior to withdrawal deadlines.

Withdrawal Dates—Bahamas and Jamaica

The last days to withdraw from courses offered in the Bahamas and Jamaica are:

Bahamas (5-weekend programs): the Monday following the third class/weekend meeting
Jamaica (4-weekend programs): one week from the Monday following the second class/weekend

International Students

Changes in enrollment status may affect eligibility for student visas and immigration status.

Withdrawal from the University and Leaves of Absence

Students who plan to withdraw from all courses during a semester and leave the university must contact their academic advisor before withdrawing. Students who withdraw from the university must formally apply to be considered for readmission at a later date.

Continuous Enrollment and Withdrawal from the B.H.Sc. Online Program

Although continuous enrollment is not a requirement the program strongly recommends students to enroll in at least two courses per semester, for the duration of their B.H.Sc. studies. Unless prior approval or a leave of absence has been granted, students who do not enroll in any classes for two consecutive semesters may be administratively withdrawn (WU) from the B.H.Sc. program. If a student is administratively withdrawn from the program he or she would be required to petition the program director in writing for reinstatement in the program.

Withdrawal from the Fischler School of Education and Human Services

Academic Withdrawal from Program (FSEHS Policy 1.05)

Any student who encounters a temporary personal or professional situation that prohibits his/her continued enrollment may withdraw from his/her program of study by following the Academic Withdrawal procedure 1.05P. Students may withdraw one time only. Students are not eligible for academic services from faculty or staff during the period of academic withdrawal.
Additional stipulations regarding academic withdrawal:

- Withdrawals do not suspend the time limit for degree completion.
- Students are advised to consult the financial aid office concerning possible ramifications for eligibility during periods of non-enrollment.

Please note: Students who wish to be considered for reinstatement should refer to FSEHS Reinstatement Policy 1.07 and procedure 1.07P.

Academic Withdrawal Procedure

Students of the Fischler School of Education and Human Services who wish to withdraw from their program of study must follow the procedure outlined below:

A. Students must submit a request for program withdrawal. A.A., BSCD, Undergraduate Teacher Education Program (UTEP) students are required to submit their request, in writing, to their academic advisor. The academic advisor will forward the student's request to the Office of Enrollment Services. All other FSEHS students must notify the Office of Enrollment Services, in writing, of their intent to withdraw from their program of study. All students must send their request via their NSU email account or via U.S. mail (see contact information below). Students must include their full name, NSU ID number, program name, effective date for program withdrawal, and cluster number (if applicable).

   Contact Information:
   Off-campus UTEP Students:
   Nova Southeastern University
   Fischler School of Education and Human Services
   Office of Enrollment Services
   Attention: Admissions Department
   1750 NE 167th Street
   North Miami Beach, Florida 33162
   Email: *admitteam@nsu.nova.edu*

Main-campus UTEP Students:
Nova Southeastern University
Farquhar College of Arts and Sciences
Office of Undergraduate Admissions
Attention: Admissions Department
3301 College Age
Fort Lauderdale, Florida 33314
Email: *ncsinfo@nsu.nova.edu*

All other FSEHS students:
Nova Southeastern University
Fischler School of Education and Human Services
Office of Enrollment Services
Attention: Admissions Department
1750 NE 167th Street
North Miami Beach, Florida 33162
Email: *admitteam@nova.edu*

1. Upon receipt of written notification from the student, the Admissions Department will process the program withdrawal. A comment will be posted in the NSU Banner system as a confirmation of the transaction.

2. The Admissions department will send official program withdraw notification to the student via U.S. mail and NSU email.

3. A copy of the program withdrawal letter will be sent to the Enrollment Processing Services (EPS), placed in Banner, and in the student's academic file.

B. Students who are enrolled in courses during a term/session coinciding with the dates of program withdrawal must drop those courses by following the Course Withdrawal Procedure.

Administrative Withdrawal from Program (FSEHS Policy 1.03)

The Fischler School of Education and Human Services will initiate the administrative withdrawal of a student from their program of study if any of the following situations occur:

- Students who fail to enroll (i.e., do not register) for one year or more will be administratively withdrawn from the program.
- Students who fail to honor NSU financial obligations will be administratively withdrawn after 90 days of nonpayment.

Please note: Students who are administratively withdrawn are not eligible to receive a tuition refund.

Leaves of Absence

Students who require a leave of absence for less than one year may return and continue their programs without reapplying to the university. If students have not registered for coursework for more than one year, they must reapply for admission and their major program's required curriculum will be reevaluated according to the most recent requirements as listed in the most current NSU Undergraduate Student Catalog. Students should note that any leave of absence may affect eligibility for financial aid.

If there is an interruption in studies of more than one calendar year from the end of the last semester enrolled, the student must abide by the NSU Undergraduate Student Catalog in effect upon return, or to requirements approved by the student's academic program director.

College of Allied Health and Nursing

A student seeking a voluntary leave of absence must submit the request in writing to the program director and/or department chair. In collaboration with the dean, the director and/or chair will determine and notify the student in writing whether a leave of absence will be granted and the conditions and time frame under which the student may return to school. In making the request, the student understands that he or she may not be eligible to return to the program before the next academic year and may at the discretion of the department chair and or dean, be required to repeat coursework previously taken if the leave of absence is for an extended period of time, as defined by the department.

Military Leaves of Absence

Students in the military whether active, reserve, or National Guard desiring to take a leave of absence because of military deployment or changes in orders may request a leave of absence for the duration of the time indicated in their orders. In order to request military leave of absence, students must contact and supply the Department of Health Science Program Office with a copy of the orders. Because the B.H.Sc.—Online Program is distance based, students are encouraged, if at all possible, to continue their studies. As the B.H.Sc.—Vascular Sonography Program is an on-campus, lock-step specialization, students will be required to meet with the directors upon returning from leave in order to assess and determine the method in which they may continue their studies. Students who have coursework in progress and request a military leave of absence will be given a grade of I (Incomplete) for the duration of their deployment.

Upon the completion of military duty and return to the program, students enrolled in the Bachelor of Health Science—Online Program will have 90 days to complete all incomplete coursework. Students in the Bachelor of Health Science—Vascular Sonography Program will be required to start at the beginning of the courses that were in progress at the time of his or her leave.

College of Allied Health and Nursing

College of Allied Health and Nursing

Dean's Message

Welcome to the College of Allied Health and Nursing. We hope you will find the educational and academic resources in this catalog helpful.

The College of Allied Health and Nursing endeavors to train allied health professionals in the art of improving the quality of life in the community. We train allied health professional to become an integral part of the healthcare team and become community advocates.

If you have any suggestions about the services we provide, the university or the community, please feel free to contact us.

Richard E. Davis, PA-C, Ed.D.
Richard E. Davis, PA-C, Ed.D.
Dean, College of Allied Health and Nursing

Health Professions Division Board of Governors

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Health Professions Division Mission Statement

The mission of Nova Southeastern University Health Professions Division is to train primary care health practitioners in a multidisciplinary setting, with an emphasis on medically underserved areas.

The institutional premise is that health professionals should be trained in a multidisciplinary setting and, whenever possible, with integrated education. The university trains students in concert with other health profession students so that the various disciplines will learn to work together as a team for the good of the public's health. During their didactic work, students share campus facilities and, in some cases, have combined classes. In their clinical experiences, they work together in facilities operated by the university.

Furthermore, the division aims to educate health care practitioners who will eventually increase the availability of health care in areas of Florida that suffer from health care shortages. The division aims to alleviate some of these shortages by exposing the entire student body to the needs, challenges, and rewards of rural, underserved urban, and geriatric care. Existing curricula require all students to attend ambulatory care clerkships in rural or urban areas, or both, making Nova Southeastern University strongly oriented toward a pattern of training its students in areas geographically removed from the health center itself, and to the care of indigent and multicultural population groups.

In doing this, it developed training programs that address the primary care needs of the region's most medically underserved populations.

College of Allied Health and Nursing Mission Statement

In the spirit of improving and maintaining optimum health conditions in the community, the College of Allied Health and Nursing prepares professionals with essential skills. These skills are necessary for the diagnosis, treatment, and prevention of diseases; for the support of the populace in maintaining proper health and safety; for the management of rehabilitative processes; and for the education of the community. The College of Allied Health and Nursing endeavors to train both graduate and undergraduate professionals in the arts of improving the quality of life in the community.

Introduction to the College of Allied Health and Nursing

The College of Allied Health and Nursing is committed to providing the highest quality education to students in a variety of health care disciplines. The College of Allied Health and Nursing offers two bachelor's degree in health science and bachelor of science in nursing options:

Health Science

- Bachelor of Health Science–Online
- Bachelor of Health Science–Vascular Sonography

Nursing

- Bachelor of Science in Nursing—Entry-Level Track
- Bachelor of Science in Nursing—R.N. to B.S.N. Track

Notice on Professional Examinations

Credits and degrees earned from colleges within the state of Florida that are licensed by the State Board of Independent Colleges and Universities do not automatically qualify the individual to participate in professional examinations in Florida. The established procedure requires the appropriate state professional board to review and recognize the colleges granting the degrees prior to scheduling examinations. Additional information regarding Nova Southeastern University Health Professions Division and its Colleges of Osteopathic Medicine, Pharmacy, Optometry, Allied Health and Nursing, Medical Sciences, and Dental Medicine may be obtained by contacting the State Board of Independent Colleges and Universities, Department of Education, Tallahassee, Florida. Any student interested in practicing a regulated profession in Florida should contact the Department of Business and Professional Regulation, 2009 Apalachee Parkway, Tallahassee, Florida 32301.

HPD Library

Service Units Learning Resources

The Health Professions Division Library is located on the first floor of the HPD's Library/Laboratory Building. It contains an online catalog of holdings with more than 20,000 book titles; 1,500 journal subscriptions; and 1,500 audio and video tapes, slide sets, and CD-ROMs. Also, 21,000 full-text journals are available online. There are 48 group study rooms equipped with videotape players and monitors. The HPD library maintains an Internet Web site that allows for access to more than 200 health-related and other electronic databases, including MEDLINE and MDConsult. Students also have checkout privileges at other NSU libraries, including the Shepard Broad Law Center Library; the Oceanographic Center Library; and the Alvin Sherman Library, Research, and Information Technology Center (a joint-use facility with the Broward County Board of County Commissioners).

HPD Policies and Procedures

Acceptance of Professional Fees

The activities of students are not to be construed as the practice of medicine, optometry, pharmacy, occupational therapy, physical therapy, physician assistance, vascular sonography, nursing, dentistry, or public health. It is a violation of the law and contrary to the policy of this university for any unlicensed person to attempt to engage in the professional practice of health care. Students who are appropriately licensed in a profession may engage in that professional work to the extent provided by law.

AIDS Policy

The university has adopted the following AIDS policy: Nova Southeastern University Health Professions Division recognizes its responsibilities for the health and welfare its students and faculty and staff members, as well as its responsibilities to patients suffering from AIDS or harboring the human immunodeficiency virus (HIV). While the division does not subscribe to compulsory HIV testing either as a screening device or in individual cases, some rotation sites require this test and students must comply. As an institution of medical learning, the division provides each student/faculty/staff person knowledge to understand the AIDS problem, including AIDS testing, treatment, and counseling by community services. The division provides an annual seminar to all students, faculty members, and staff members. The division recommends universal precautions in all laboratory and clinical settings. The division reserves the right to alter this policy as new information on AIDS becomes available. Students should consult their physician for HIV testing or treatment immediately following exposure.

Background Checks

Students are required to authorize the NSU Health Professions Division to obtain background check(s) as per adopted policy of April 22, 2005. Students may also be required by the Health Professions Division to obtain a background check or authorize, where appropriate, clinical training facilities to conduct the check and to permit the results provided by the consumer reporting agency to the NSU Health Professions Division and /or to the clinical training facilities. If the background check(s) reveal information of concern, which the NSU Health Professions Division may deem unfavorable, the NSU Health Professions Division will provide the accepted applicant or enrolled student a copy of the report and the document entitled ‑A Summary of Your Rights Under the Fair Credit Reporting Act," and request the individual to provide a detailed written explanation of the information contained in this report along with appropriate documentation (e.g., police reports). This information must be returned to the NSU Health Professions Division within 10 business days of the date the communication is sent or another date specified by the NSU Health Professions Division in its communication with the student.

Offers of admission will not be considered final until the completion of the background check(s), with results deemed favorable by the NSU Health Professions Division, and, where appropriate, by the clinical training facilities, or if information received indicates that the student has provided false or misleading statements, has omitted required information, or in any way is unable to meet the requirements for completion of the program, then the admission may be denied or rescinded, the student may be disciplined or dismissed, or his or her enrollment terminated.

Following the initial background check(s), students will be asked annually to provide a certification relating to any convictions, guilty pleas, or no contest pleas to any criminal offense, other than traffic violations.

Certificate of Physical Examination

Students must have a certificate of physical examination completed by their physician. Forms will be distributed by the Division Office of Admissions and Student Services to each matriculant as part of the admissions package. A current medical and physical examination is due upon admission. The NSU Health Professions Division Mandatory Immunization Form and Certificate of Physical Examination must be completed prior to the orientation date. Students may request that the University Health Service perform these examinations after matriculation. The University Health Service will make appointments in as timely a manner as possible, and the appointments, once made, become an obligation of the student, and must be kept. These certificates (whether done privately or by the university), will be placed in the student's files.

Additional testing and requirements may be needed based on individual hospital/ agency requirements. These costs will be the responsibility of the student. Students are not permitted in the on-campus lab or in the clinical setting until the completed medical records are on file. The health form must be updated annually at the student health center.

If the renewal date for physical requirements occurs during a term, **the student must renew prior to the beginning of the term in which the renewal date occurs.** Approved status must be valid for the entire semester in which the student enrolls. A student who experiences a health problem that may interfere with the ability to

provide client care (e.g., surgery, fracture) must provide a release from their health care provider indicating the ability to participate fully in client care situations. –Light duty" is not permissible.

- A Nova Southeastern University Health Form will be included with acceptance materials. The completed, signed form must be presented according to the admissions department guidelines.
- Basic Life Support (BLS) certification must be valid **prior** to each term for the duration of the term.
- The student should carry a copy of their health/ hospitalization insurance card with them to the clinical agency, as well as their BLS card.

Core Performance Standards for Admission and Progress

The Nova Southeastern University Health Professions Division is pledged to the admission and matriculation of qualified students and wishes to acknowledge awareness of laws which prohibit discrimination against anyone on the basis of race, color, national origin, religion, sex or qualified disability.

Regarding those students with verifiable disabilities, the university will not discriminate against such individuals who are otherwise qualified, but will expect applicants and students to meet certain minimal technical standards (core performance standards) as set forth herein with or without reasonable accommodation. In adopting these standards, the university believes it must keep in mind the ultimate safety of the patients whom its graduates will eventually serve. The standards reflect what the university believes are reasonable expectations required of health professions students and personnel in performing common functions.

The holders of health care degrees must have the knowledge and skills to function in a broad variety of clinical situations and to render a wide spectrum of patient care. In order to carry out the activities described below, candidates for Health Professions Division degrees must be able to integrate consistently, quickly, and accurately all information received, and they must have the ability to learn, integrate, analyze, and synthesize data.

Candidates for degrees offered by the Health Professions Division must have, with or without reasonable accommodation, multiple abilities and skills including intellectual, conceptual, integrative, and quantitative abilities; interpersonal communication; mobility and strength; motor skills; hearing, visual, tactile, behavioral, and social attributes. Candidates for admission and progression must be able to perform these abilities and skills in a reasonably independent manner.

Intellectual, Conceptual, Integrative, and Qualitative Abilities
These abilities include measurement, calculation, reasoning, analysis, and synthesis. Problem solving—a critical skill—requires all of these intellectual abilities. Candidates and students must have critical thinking ability sufficient for good clinical judgment. This is necessary to identify cause-effect relationships in clinical situations and to develop plans of care. In addition, candidates and students should be able to comprehend three-dimensional relationships and to understand the spatial relationships of structures. An individual is expected to be able to perform multiple tasks in a diverse, dynamic, highly competitive, and challenging learning environment. All individuals are expected to meet their program requirements on a satisfactory level as determined by HPD administration or the applicable college/program administration.

Interpersonal Communication
Candidates and students should be able to interact with and observe patients in order to elicit information, examine patients, describe changes in mood, activity, and posture, and perceive nonverbal communications. They must be able to communicate effectively and sensitively with patients. Communication includes not only speech but also reading and writing. They must also be able to communicate effectively and efficiently in all written forms with all members of the health care team. They must have interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds.

Motor Skills
Candidates and students should have sufficient motor function to execute movements reasonably required to provide general care and emergency treatment to patients. Examples of emergency treatment reasonably required to some health care professionals are cardiopulmonary resuscitation, administration of intravenous medication, the application of pressure to stop bleeding, the opening of obstructed airways, and the ability to calibrate and use various pieces of equipment. Such actions require coordination of both gross and fine muscular movements,

equilibrium and functional use of the senses of touch and vision. Physical therapy and occupational therapy students must be able to position patients for treatment, as well as teaching the teaching the functions involving gross and fine movements. Pharmacy candidates and students must have sufficient motor skills to weigh chemical and pharmaceutical (including intravenous) solutions, prepare prescriptions, and carry out sterile procedures.

Strength and Mobility
Candidates and students must have sufficient mobility to attend to emergency codes and to perform such maneuvers as CPR when required. They must have the physical ability to move sufficiently from room to room and to maneuver in small places. Osteopathic medical students must have the ability to position patients for the administration and delivery of osteopathic manipulative treatment in a variety of settings and to position and move patients when required. Pharmacy students must be able to move about within a pharmacy setting and a patient's room. Physical therapy and occupational therapy students must be able to administer treatment in a variety of settings and positions and move patients when required.

Hearing
Candidates and students should have sufficient auditory ability to monitor and assess health needs. They must be able to hear information given by the patient in answer to inquiries; to hear cries for help; to hear features in an examination, such as the auscultatory sounds; and to be able to monitor equipment.

Visual
Candidates and students must have visual ability sufficient for observation and assessment necessary in patient care. It must be consistent in many cases with being able to assess asymmetry, range of motion, and tissue texture changes. Osteopathic Medicine, Optometry, and Physician Assistant students must have sufficient visual ability to use ophthalmologic instruments. It is necessary to have adequate visual capabilities for proper evaluation and treatment integration. Candidates and students must be able to observe the patient and the patient's responses including body language and features of the examination and treatment. Pharmacy students must be able to interpret prescriptions and medical orders, as well as to inspect medicine for deterioration or expiration.

Tactile
Candidates and students must have sufficient tactile ability for physical assessment. They must be able to perform palpation, functions of physical examination, and/or those related to therapeutic intervention. Pharmacy students must be able to measure and compound, sometimes transferring from container to container and to carry out sterile procedures. Dental students must be able to deliver appropriate treatment using high technology equipment such as dental drills and surgical instruments.

Behavioral and Social Attributes
Candidates and students must possess the emotional health required for full use of their intellectual abilities; the exercise of good judgment; the prompt completion of all responsibilities attendant to the diagnosis and care of patients; and the development of mature, sensitive, and effective relationship with patients. Candidates and students must be able to physically tolerate taxing workloads, to adapt to changing environments, to display flexibility, and to learn to function in the face of uncertainties inherent in the clinical problems of many patients. Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that will be assessed during the admissions and education process.

Sensory
Osteopathic students and physician assistants are required to have an enhanced ability to use their sensory skills. These enhanced tactile and proprioceptive sensory skills are essential for appropriate osteopathic evaluation and treatment of patients.

Dress Code

Students must maintain a neat and clean appearance befitting students attending a professional program. Therefore, attire should convey a professional appearance whenever the student is on campus or at any off-campus educational site. The dress code is to be maintained at all times in the Administration Building, classrooms, laboratories, and all areas involved in providing patient care.

Additionally, the dress code is in force Monday through Friday from 8:00 a.m. until 5:00 p.m. in the library and in other areas not mentioned above. Those failing to comply may be dismissed from the classroom and/or campus. A written warning describing the infraction will be entered into the student's file.

The following constitutes acceptable and professional attire:

- Students enrolled in all entry level programs must wear their **white clinical jackets at all times**
- Shirt, tie, slacks, and regular shoes for men, and for women it should be professional business dress, which includes slacks, pants, or skirt with blouse, or dress and appropriate shoes
- Matching scrub sets, socks, and shoes. No institutional scrubs may be worn by any College of Allied Health and Nursing student at any time while on campus. Institutional scrubs are those that have the identification symbols or lettering from the institution that owns or issues them. Those scrubs are marked in locations that are easy to identify as being part of the inventory of that institution. Students may not wear the following: shorts or cutoffs, mini-skirts (higher than mid-thigh), jeans (all colors), see-through clothing or halter tops, sandals, flip-flops, T-shirts (as the outer shirt), jogging or exercise clothing, inappropriately mismatched garments, hats, or caps.
- Students must wear their approved NSU ID badges while on campus.

Students inappropriately dressed or groomed may be requested to leave the campus. In this circumstance, an unexcused absence will be recorded until the student returns properly attired.

Questionable or disputed cases of dress or grooming shall be presented to the dean, whose decision shall be final. Repeated violations will be considered improper professional behavior and may result in disciplinary action. When a class requires special dress (such as the wearing of scrub suits in anatomy laboratory), it will be the only exception to the dress code allowed during that time.

The dress code is to be observed at all times including midterms and examination periods.

Nursing Uniform Dress Code

Students will wear the prescribed uniform during designated clinicals and be neatly groomed. Scrub suits are worn when the student is in the hospital, nursing lab, or health care agency under the supervision of a professor. When on campus, students may wear professional business casual attire with their NSU lab coat or scrubs. Students must adhere to the Health Professions Division Dress Code outlined above.

- The nursing uniform consists of teal scrubs and a white lab coat with the official NSU Program patch. The scrubs should be purchased through the NSU bookstore. Students will be fitted for the lab coat at orientation.
- The uniform consists of all white, clean professional shoes and plain, unpatterned white hose or socks. Closed toe shoes will be polished and clean. No colored sneakers or backless shoes will be worn.
- Required equipment includes a watch with a second hand, bandage scissors, protective eye gear, a stethoscope, and a pen light. This equipment may be purchased through the NSU bookstore.
- Hair will be neatly arranged and worn off the collar. No adornments will be worn in the hair.
- A wedding band and small stud earrings may be worn. Other jewelry is not acceptable when in uniform.
- Fingernails will not extend beyond the fingertips. Nail polish will be unchipped and a neutral color. No acrylic nails or silk wraps are permitted.
- The NSU white lab coat with nursing program patch may be worn over the uniform for warmth.
- Students in the health care agency collecting clinical data should wear professional attire along with the student's name pin/ identification badge and NSU white lab coat (no shorts, jeans, tank tops, miniskirts, sandals, etc.).
- The wearing of a Nova Southeastern University identification badge is required at all times while on HPD property or in a clinical agency. A specific agency may also require students to wear agency identification.
- Some health care facilities require students to purchase a hospital ID badge in addition to their college name tag.
- Baths or showers are to be taken on the morning or afternoon preceding clinicals and on the first opportunity after clinical experiences. Perfumes and body odor may be offensive or cause allergies to ill clients; therefore, antiperspirant/ deodorant is required.

- Fragrant colognes and perfumes should not be worn to clinical.
- Excessive makeup should not be worn to clinical.

Identification Badges

Students must wear identification badges at all times while on campus. ID badges are not transferable. ID badges are issued at the Division Badge Room. These badges are given to the students at no charge except for replacement.

Identification Requirements and Fieldwork Prerequisites

An affiliated clinical/ fieldwork teaching facility may also require a student to pass a state of Florida Department of Health screening before rotation. Other requirements, which may be held by the affiliated facility include, but are not limited to, fingerprinting, criminal background check, urinalysis for drugs and alcohol, and proof of immunization. If a student does not meet all requirements held by the affiliated facility before the first day of the scheduled placement, the student's placement will be canceled, or if the placement has begun, the student will be asked to leave.

Immunization Requirements

Students must have completed the mandatory immunization form. The following immunization procedures are required of students at the Health Professions Division:

Basic Immunizations: Every student is required to have had an immunization for the following diseases before matriculating at Nova Southeastern University: diphtheria-pertussis-tetanus (or diphtheria-tetanus), varicella (chicken pox), and measles-mumps-rubella. A written memorandum of the immunization given and the date, signed by a physician, must be filed with the Office of Admissions on the day of registration at the latest. These basic immunizations are the financial responsibility of the student.

Hepatitis B Vaccine: Since every student at the Health Professions Division potentially can be exposed to this deadly virus, and since many rotation sites require it of personnel, HPD will administer and require hepatitis B vaccination for every entering student during the first year. The cost of this vaccination will be supported through the student activities fee.

Tuberculosis: Because of the resurgence of tuberculosis and the possible exposure of students to TB, the Health Professions Division will require and provide a yearly tuberculosis test for every student. The student activities fee, too, will support this.

Arrangements: The University Health Service will schedule appointments for students for tuberculosis testing and for hepatitis B vaccination. Because both of these require preparation, any student who does not keep a scheduled vaccination appointment will be required to pay for the immunization personally. The university is not required to provide alternate sites for clinical practicum or rotations should immunization be a requirement for placement. Therefore, the student may be delayed in meeting the graduation requirements of their program.

Netiquette

In a traditional classroom, students are reminded that behavior that disrupts the class or interferes with other students and their ability to learn is unacceptable. Any person engaged in disruptive behavior receives a written warning from the instructor. Students who continue to engage in disruptive behavior after this warning may be administratively withdrawn from the course.

Similarly, in an online course, any electronic postings, emails, or electronic messages that disrupt the class or interfere with learning goals and objectives are unacceptable. Electronic communication—the backbone of this online course—must be civil, respectful, and cordial at all times. Any posting that disrupts or interferes with learning will be removed, and the author of the posting will receive a written warning. A second disruptive posting will cause the author to be administratively withdrawn from the course.

Student Insurance Requirement

It is required that each Health Professions Division Student (except those in distance education and R.N. to B.S.N. nursing programs) carry adequate personal medical and hospitalization insurance. It is strongly suggested that students and their families avail themselves of the insurance plan obtainable through the university. Information about the policy can be obtained through the Health Professions Division Admissions and Student Services Office, or by accessing the Web site *www.rec.nova.edu.* Click on to the link for Health Insurance Information. Please note that students will see a charge for health insurance appear on their student account as part of the academic registration process.

For those students who already have health insurance coverage and do not need the NSU-endorsed insurance plan, this charge will be removed from their account once proof of coverage has been submitted. To complete the waiver form, go to *www.rec.nova.edu* and click on to link for the waiver form. The online waiver is the only process by which insurance charges will be removed and coverage will be cancelled. Students who fail to complete the waiver form and provide proof of health insurance by the stated deadline will not be eligible to have charges removed and will continue to be enrolled in the insurance plan endorsed by NSU.

Visits to Other Institutions

Students in the Health Professions Division may not visit, in an official or presumably official capacity as a professional school student, any health-related institution (hospital, pharmacy, practitioner's office, clinic, etc.) or any health school without express permission of the dean. Visits to relatives or friends who are hospitalized are permitted, provided they are within visiting hours and all hospital rules are observed.

Department of Health Science

The Department of Health Science is an interdisciplinary group of programs designed for health professionals with the desire to advance academically, administratively, or clinically within their profession. The department offers educational opportunities from entry-level undergraduate to programs for working health professionals, demonstrating the university's and college's commitment to lifelong learning. The Department of Health Science uses innovative online and on-campus components to achieve its mission of preparing professionals for today's health care market.

The department offers the Bachelor of Health Science (B.H.Sc.) in an exclusively online format. The department also houses a pre-eminent, on-campus, entry-level program, the Bachelor of Health Science—Vascular Sonography Program, which is supported by a state-of-the-art vascular teaching laboratory.

Computer Requirements

All students in the department are required to have a computer meeting the minimum requirements listed below.

- Pentium or AMD at 1.00 GHZ or equivalent Macintosh processor
- 256 MB RAM
- Video and monitor capable of 1024 X 768 resolution or higher
- CD-ROM drive
- Full duplex sound card and speakers
- Internet connection with internet service provider (DSL, cable or satellite highly recommended)
- Windows XP or NT or MAC OS
- Microsoft Office 2000 or newer with PowerPoint, Word and Excel minimum
- Printer capability
- Suggested option: laptop computer with wireless Internet capability for use during campus institutes

Majors in Health Science

Bachelor of Health Science—Online Program

The Bachelor of Health Science (B.H.Sc.)—Online Program is an online degree advancement program for graduates from associate's degree, diploma, or certificate programs in the health sciences such as military trained health care technicians, radiology technicians, respiratory therapists, etc. The NSU B.H.Sc. course of study is inter-disciplinary and is designed to provide career advancement for health care practitioners as well as deliver a well-rounded generalist curriculum. This cutting-edge program offers the opportunity for numerous health care occupations to complete their under graduate degree coursework online, conveniently from their own home or office, without compromising career or other obligations.

There have been dramatic changes in the health care market and delivery systems in the United States over the past decade. As health care becomes increasingly competitive, it becomes more important to distinguish one self professionally and academically. The Bachelor in Health Science—Online Program is offered via the College of Allied Health and Nursing's Web-based distance learning technology that allows health care professionals to remain in their current location and employment.

Upon successful completion of the B.H.Sc. program, students are eligible to apply for admission to continue their education in health sciences in the online Master of Health Science (M.H.Sc.) and later the Doctor of Health Science (D.H.Sc.) program. Each of these programs is an online degree program, with the M.H.Sc. having no residency requirement and the D.H.Sc. having a requirement for students to complete two one-week summer institutes.

Bachelor of Health Science—Online Program Goals

The Bachelor of Health Science will enable students to:

1. Pursue a well-rounded and diverse educational degree completion program for health professionals in an online environment that allows them to continue gainful employment in their chosen field while attending and completing course work.
2. Enhance and develop the student's leadership and health care knowledge through academic inquiry while using current, practical health care models.
3. Enhance their understanding of diverse populations in health care and to prepare the student to take a leadership role in the rapidly changing health care environment.
4. Enhance the student's understanding of the political, social, legal and ethical issues that may be encountered and have an impact on areas of health care practice.
5. Develop knowledge that helps bridge between clinical care, health care diversity and critical inquiry.

Bachelor of Health Science—Online Program Learning Outcomes

Graduates of the Bachelor of Health Science degree completion program will demonstrate command of the following learning outcomes as evidenced by their participation in class, completion of class assignments, presentations, projects, Graduates will be able to:

1. Communicate effectively in writing on a variety of topics related to health care
2. Demonstrate an awareness and appreciation of the delivery of culturally competent health care.
3. Effectively communicate and acknowledge the impact of the legal, ethical, and political environment on health care policy and delivery.
1. Demonstrate the knowledge and ability to search and retrieve information and materials related to individual clinical practice issues or overall health policy concerns.
2. Describe and demonstrate management / leadership skills and theories that can be applied in preparation to lead or manage effectively in a health care environment.
3. Demonstrate knowledge of and effectively apply health care models, theories, and tools to issues impacting health care delivery

Computer Literacy

Access to and ongoing use of a computer will be required for all students to successfully complete the online programs and courses in the Department of Health Science. Each student is expected to acquire computer hardware and software appropriate to the program. Competency in the basic use of a computer and the ability to navigate and interact with the course and curriculum content is the responsibility of the student and necessary for graduation.

Continuous Enrollment

Although continuous enrollment is not a requirement, the B.H.Sc. program strongly recommends students to enroll in at least two courses per semester, for the duration of their B.H.Sc. studies.

Online Student Center—Program and Course Communication

All students are required to visit the online student center at least once every two weeks. All communication and programmatic information will be posted in the online student center. It is required that all B.H.Sc. online students use the online student center when communicating with the program. All class communication must take place through the WebCT course itself.

Bachelor of Health Science—Online Program Curriculum

The program requires that a minimum of 30 credit hours of coursework (including 21 credit hours of required core coursework) be completed through the NSU B.H.Sc. program. A minimum total of 120 credit hours, of which 30

credit hours must fulfill general education requirements, are required to graduate with the B.H.Sc. degree.

The B.H.Sc—Online Program is designed for completion in a distance-learning format and requires no on-campus time. The coursework is professor-paced using Web-based delivery. The curriculum and coursework follow a standard 12-week semester calendar.

The curriculum is designed to build upon the existing knowledge base of the health care professional while focusing on the overall health care picture. Leadership, diversity, and conflict resolution are but a few of the areas covered in the curriculum.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Bachelor of Health Science—Online Program Major Requirements (30 credit hours minimum)

The program requires that a minimum of 30 semester hours of course work (including 21 semester hours of required core course work) be completed through the NSU B.H.Sc. program. A minimum total of 120 semester hours, of which 30 semester hours must fulfill general education requirements, are required in order to graduate with the B.H.Sc. degree.

In order to be eligible to graduate with the B.H.Sc. degree a student must have completed 30 semesters hours of General Education course work in addition to the B.H.Sc. curriculum with a resulting minimum total of 120 semester hours.

Effective for new matriculants on or after January 2006, students will be required to obtain a grade of C or better (greater than or equal to 73 percent) in every required core course. Students receiving a C-, D+, D, or F in a required core course will be required to retake the course at its next scheduled offering.

Core Courses (21 credit hours)

BHS 3110 Health Care Ethics (3 credit hours)
BHS 3120 Introduction to Epidemiology (3 credit hours)
BHS 3150 Principles of Leadership (3 credit hours)
BHS 3155 Conflict Resolution in Health Care (3 credit hours)
BHS 3160 Health Policy (3 credit hours)
BHS 4000 Cultural Competency in Health Care (3 credit hours)
BHS 4100 Academic and Professional Writing (3 credit hours—*Must be taken during the first semester of enrollment in the program*)

Major Electives (minimum 9 credits)

The number of major electives requires is variable, based on the number of credit hours accepted for transfer.

BHS 3100 Current Issues in Health Care (3 credit hours)
BHS 3101 History of the US Health System (3 credit hours)
BHS 3130 Research and Design for Health Care (3 credit hours)
BHS 3140 Health Care Practice (3 credit hours)
BHS 3151 Health Services Management (3 credit hours)
BHS 3161 Concepts of Health Care Finance (3 credit hours)
BHS 3170 Health Care Delivery Systems (3 credit hours)
BHS 3190 Patient Education in Health Care (3 credit hours)
BHS 3195 Therapeutic Communications for Health Care Professionals (3 credit hours)
BHS 4001 Individuals with Disabilities and Special Needs (3 credit hours)
BHS 4005 Alternative Medicine in Health Care (3 credit hours)
BHS 4006 Fundamentals of Chinese Medicine (3 credit hours)
BHS 4009 Sports Medicine: Principles and Practice

BHS 4010 Health Promotion and Disease Prevention (3 credit hours)
BHS 4011 Bioterrorism: Health Care Readiness and Response (3 credit hours)
BHS 4110 Health Care and Aging (3 credit hours)
BHS 4120 Technology in Health Care (3 credit hours)
BHS 4130 Internship* (3 credit hours)
BHS 4140 Independent Study* (3 credit hours)
BHS 4150 The Science of Sound* (3 credit hours)
BHS 4151 Linguistics & Psycholinguistic Variables of Normal Language Development* (3 credit hours)
BHS 4152 Neuroanatomy & Neurophysiology of Audition* (3 credit hours)
BHS 4153 Speech and Language Disorders for Health Care Practitioners (3 credit hours)
BHS 4154 Effect of Hearing Impairment on Speech and Language* (3 credit hours)
BHS 5001 APA Writing Seminar (3 credit hours)

* Student must receive departmental and academic advisor approval in order to be allowed to register for this course.

Open/Transfer Electives (60 credit hours)
Students are required to complete 60 credit hours of open/transfer electives, consisting of transfer credits or additional B.H.Sc. elective coursework.

Bachelor of Health Science—Vascular Sonography

This entry-level program is designed to prepare students in the field of vascular sonography and testing. Students spend the first year on campus and receive both didactic and hands-on laboratory training, with 90 hours of clinical immersion at the end of the third semester. During the second year, students will receive clinical training that focuses on vascular testing in a vascular laboratory or an ultrasound department under the supervision of a registered vascular technologist (RVT).

Sonography uses diagnostic ultrasound to image soft tissue structures in the body including abdominal and pelvic organs, fetal development, the heart, and blood vessels. Sonographers specializing in vascular diagnosis are referred to as vascular technologists. Vascular technologists use ultrasound and other diagnostic instruments to detect and assess vascular conditions of arteries and veins. These disorders include carotid artery disease, which may lead to stroke; abdominal vascular disease such as aneurysms; peripheral arterial disease which can result in loss of limbs; and venous disease, which may lead to blood clots and pulmonary embolism.

Vascular technologists are an important part of the medical team. They typically work in a hospital or clinical environment under the direction of radiologists, cardiologists, or vascular surgeons. Because of the skills and independence required for the field, vascular technologists are in high demand and with the aging of Americans that demand is growing. The bachelor of health science course of study in vascular sonography at Nova Southeastern University is designed to train highly skilled and knowledgeable vascular technologists who are prepared to take leadership positions in diagnostic laboratories, clinical research, and education in the field of vascular sonography.

Bachelor of Health Science—Vascular Sonography Program Objectives

The Bachelor of Health Science—Vascular Sonography Program aims to:

- Graduate competent vascular technologists who are qualified to perform a variety of standard and specialized diagnostic vascular procedures
- Ensure that graduates are qualified to take and successfully pass the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination in vascular technology
- Prepare graduates for future leadership roles in vascular laboratories and ultrasound departments
- Enhance the student's academic skills for pursuing research studies in the field of vascular sonography.

Upon successful completion of the vascular sonography course of study, students are eligible to apply for admission to the master of health science (M.H.Sc.) and later the doctor of health science (D.H.Sc.) or doctor of philosophy in health science (Ph.D.) programs. Each of these programs is an online degree program, with the

M.H.Sc. having no residency requirement and the D.H.Sc. having a requirement for students to complete two one-week summer institutes, while the Ph.D. requires three.

Bachelor of Health Science—Vascular Sonography Learning Outcomes

Students completing the Bachelor of Health Science—Vascular Sonography Program will be able to:

1. Perform a variety of standard and specialized diagnostic vascular procedures
2. Qualify to sit for the American Registry of Diagnostic Medical Sonography (ARDMS) registry examination for the Registered Vascular Technologist (RVT)
3. Communicate in a professional manner using written and electronic methods.
4. Demonstrate an awareness and appreciation of the empathy and respect in the delivery of culturally competent care health care.
5. Communicate and acknowledge the impact that the social and political environment has on the development of heath care policies and the implications, benefits and ramifications on the delivery of health care.
6. Demonstrate the knowledge and ability to search and retrieve information through electronic means.
7. Describe and demonstrate management / leadership skills and theories, and prepare the student to lead or manage effectively in a health care environment.
8. Demonstrate understanding of the political, social, legal and ethical issues that may be encountered and have an impact on areas of health care practice
9. Demonstrate knowledge through the application of health care models, theories and tools in written and discussion of the issues impacting health care delivery through academic and critical inquiry.

Technical Standards

The professional responsibilities include, but are not limited, to:

- Obtaining and recording an accurate patient history
- Performing diagnostic procedures and obtaining diagnostic images
- Analyzing technical information
- Using independent judgment in recognizing the need to extend the scope of the procedure according to the diagnostic findings
- Providing an oral or written summary of the technical findings to the physician for medical diagnosis
- Providing quality patient care
- Collaborating with physicians and other members of the health care team

Sonographers must be knowledgeable about, and limit the risk of possible exposure to, blood and other bodily fluids. Many sonographers also assist in electronic and clerical scheduling, record keeping, and computerized image archiving. Sonographers also may have managerial or supervisory responsibilities.

Computer Literacy

Access to and ongoing use of a computer will be required for all students to complete vascular sonography successfully. Each student is expected to acquire computer hardware and software appropriate to the B.H.Sc.—Vascular Sonography Program. Competency in the basic use of a computer and the ability to navigate and interact with the course and curriculum content is the responsibility of the student and a requirement for graduation. All applicants must show evidence of computer skills through coursework or self-study prior to the end of the first term. Students may obtain instruction through the NSU Student Microcomputer Laboratory or other training facilities.

Clinical Externship

The clinical externship is devoted primarily to hands-on training in a vascular laboratory. All sonography students must maintain a functional pager or cell phone at all times during the clinical externship. This expense will be the student‘s responsibility. Students must comply with all policies and procedures of both clinical sites and Nova Southeastern University.

Bachelor of Health Science—Vascular Sonography Curriculum

Admission to the program requires the completion of a minimum of 30 credit hours of general education coursework. The core of the vascular sonography course of study includes 96 credit hours. The entire program requires a total of 126 credit hours for a student to graduate with a bachelor of health science—vascular sonography.

The first year of the course of study is designed as a combination of on campus lectures, an ultrasound laboratory practicum, online courses and off-campus integrated clinical training. Students will learn theory in the lecture and online courses, and apply that knowledge in the ultrasound laboratory. The integrated clinical experience relates lecture concepts and lab skills to the clinical setting.

The second year will focus almost entirely on clinical training with more than 1,500 hours of on-site, hands-on experience in a vascular laboratory under the supervision of a registered vascular technologist. Students will be required to fulfill competencies outlined in the clinical handbook. These competencies include all aspects of vascular sonography training and professional. In addition, four online courses are required during the senior year.

Online courses are provided to students through NSU computer accounts that include email. Students, however, must obtain their own Internet service provider (ISP) and their own computer system (IBM-compatible PC or Apple Macintosh, and modem.) New students are provided with an orientation and extensive online support on computer and software requirements, online access, online tools, and methods, and library resources.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Bachelor of Health Science—Vascular Sonography Major Requirements (96 credit hours)

BHS 3110 Health Care Ethics (3 credit hours)
BHS 3120 Introduction to Epidemiology (3 credit hours)
BHS 3150 Principles of Leadership (3 credit hours)
BHS 3155 Conflict Resolution in Health Care (3 credit hours)
BHS 3160 Health Policy (3 credit hours)
BHS 4000 Cultural Competency in Health Care (3 credit hours)
BHS 4100 Academic and Professional Writing (3 credit hours)
BHS 4110 Health Care and Aging (3 credit hours)
BHS 3130 Research and Design for Health Care (3 credit hours)
BSV 3100 Ultrasound Physics I/Lab (3 credit hours)
BSV 3110 Clinical Anatomy for the Vascular Sonographer (3 credit hours)
BSV 3200 Ultrasound Physics Review (1 credit hour)
BSV 3210 Clinical Physiology for the Vascular Sonographer (3 credit hours)
BSV 3300 Cerebrovascular Testing/Lab (4 credit hours)
BSV 3400 Venous Testing/Lab (4 credit hours)
BSV 3500 Peripheral Arterial Testing/Lab (5 credit hours)
BSV 3600 Abdominal Vascular Testing/Lab (5 credit hours)
BSV 3700 Clinical Preparation and Review (4 credit hours)
FME 5105 Basic Life Support (1 credit hour)
BSV 4500 Clinical Externship I (16 weeks) (12 credit hours)
BSV 4600 Clinical Externship II (16 weeks) (12 credit hours)
BSV 4700 Clinical Externship III (16 weeks) (12 credit hours)

Nursing Department

The Nursing Department offers bachelor of science in nursing (B.S.N.) degree program. The B.S.N. may be earned through an entry-level bachelor of science in nursing track or an R.N. to B.S.N. completion track for registered nurses holding an associate's degree or diploma in nursing. Both programs focus on developing nursing professionals to assume leadership roles in the complex health care environment.

Mission Statement

The mission of the Nova Southeastern University Nursing Department is to educate the health care leaders of tomorrow through the provision of quality and innovative teaching and learning environments. This mission is fostered within an interdisciplinary Health Professions Division promoting an atmosphere of respect within which students may evolve as broadly educated, responsible, and accountable professionals dedicated to the principles of lifelong learning.

Bachelor of Science in Nursing Learning Outcomes

The goal of the Nova Southeastern University bachelor of science in nursing degree program is to graduate nurses prepared to:

1. Design, manage, and coordinate culturally competent holistic client care for individuals, families, and aggregates through primary, secondary, and tertiary prevention/intervention strategies
2. Provide leadership in health care and the profession
3. Assume personal responsibility for lifelong learning

Client Safety

The faculty recognizes that nursing student are learners; however, the physical and emotional safety of a client cannot be placed in jeopardy. The inability of a student to provide consistent, safe care or to follow the policies and procedures of the affiliating agency or the school will require that the student be asked to leave the clinical area and may result in the student's being required to withdraw from the program.

Clinical Assignment

Nursing students may be required to collect client data that is pre-assigned by the faculty members. If prior collection of client data is not permitted by the facility, other arrangements will be made to facilitate pre-assignment preparation.

- When in the health care agency collecting clinical data, students will comply with the HPD dress code.
- Upon arrival, students will identify themselves to the nurse in charge and explain their reason for reviewing the chart.
- Students will limit their data collection to those clients to whom they have been assigned.
- Students cannot care for clients or talk to clients on client pre-assignment days unless the instructor is present.
- Client care can only be given on clinical class days when the faculty member is available.
- Students will adhere to the confidentiality laws that protect clients' identities and health information (Health Information Portability and Accountability Act: HIPAA).

Course Assignment Format

Unless specifically indicated by the professor or when prior arrangements have been made, all written work turned in for grading must be typewritten and follow the latest edition of the APA format. Students must have basic computer skills, including the ability to send and receive emails and attachments, save files, format documents, and so on.

Eligibility for Florida R.N. Licensure and Required Disclosure

Applicants to the nursing program who meet all university and departmental requirements will be considered for admission. Final determination of eligibility to take the NCLEX-RN rests with the Florida Department of Professional Regulation and Board of Nursing. The licensure application requires disclosure of any criminal history and the disposition of all cases prior to board review. Applications with previous arrest or disciplinary action on a license will not be authorized to practice nursing until all documentation is cleared by board staff or reviewed by the board. The only permanent barrier to licensure in Florida is not having civil rights. Entry into the nursing education program is the prospective student's decision based upon the knowledge that he or she may, or may not, be granted a nursing license. Applicants will notify the program director and/or department chair of any arrest record prior to application for licensure. The graduate is required to meet all reporting requirements of the Board of Nursing at the time of application to sit for the NCLEX-RN.

Florida Board of Nursing
4052 Bald Cypress Way
BIN CO2
Tallahassee, Florida 32399-3252
Telephone: (850) 488-0595

Florida Nursing Students Association

The Florida Nursing Student Association (FNSA) is the professional organization for nursing students in the state of Florida. It serves to prepare nursing students to be a member of a professional organization and provides a voice for students at public, institutional and governmental bodies. Nova Southeastern University Nursing Department has a district chapter of FNSA. All students are required to become members. Participation in various local, district, state, and national activities is encouraged.

Health Forms (Student Health Records)

The Nursing Department is required to submit to clinical sites satisfactory evidence that each program participant is free from contagious disease and does not otherwise present a health hazard to hospital clients, employees, volunteers, or guests prior to his or her participation in the program. Students will be required to follow the requirements of the Health Professions Division and the clinical agencies. Performance standards for all Health Professions Division students are identified in *HPD Student Handbook.* If students are unable to meet the performance standards, they will be asked to obtain clearance from a physician or nurse practitioner prior to returning to the program. Each year students will provide updates to their health form, which can be completed at the Student Health Center.

Health Insurance

Nursing students are required to carry health insurance to cover their health care. Students must use this health insurance for any needs during their clinical/ class times. Any college student may be seen at the Student Health Center. Please bring a school identification card and an insurance card. At the end of the visit, students will receive a statement showing the services performed. Payment of all co-payments and deductibles is expected at the time

services are rendered. Students who do have private health insurance must apply for a waiver at *www.rec.nova.edu/insure_req.html.* Also, review this site for the coverage requirements for private insurance. Students are responsible for complying with this requirement. Some insurance policies require a primary care provider (PCP) designation. In such cases, please be sure to designate an NSU provider prior to visiting NSU's Health Care Center. For a list of providers and participating insurance carriers, please visit the Health Care Center Web site at *www.nova.edu/HCC/doctors*. If students wish to purchase insurance through the NSU Student Health Plan, contact the Wellness Office at (954) 262-7305.

Identification of the Chemically-Impaired Nursing Student

A student who has been identified as chemically impaired and has been dismissed from the nursing program may petition for reinstatement through the department chair. Nova Southeastern University endorses the federal government's efforts in implementing the Drug Free Schools and Community Amendments of 1989 (Public Law 101-226).

Students are prohibited from reporting to clinical or lecture classes under the influence of alcohol or any substance that impairs physical or mental abilities. Faculty members are responsible for identifying students who appear to be chemically impaired. The student will be responsible for any costs associated with testing for alcohol or controlled substances.

Students who report to class while chemically impaired will be required to participate in the Intervention Project for Nurses (IPN) through the Board of Nursing to be eligible to continue in the Nursing Department. Students will be responsible for any associated costs. Students are subject to disciplinary action in accordance with the *HPD Student Handbook.*

The following behaviors are examples of indications for suspecting that a student is under the influence of alcohol or any controlled substance:

- Bizarre or unusual behavior
- Frequent errors
- Unexplained mood change
- Smell of alcohol and/or breath mints
- Disheveled appearance or poor hygiene
- Blatant impairment of judgment
- Chronic absenteeism and tardiness
- Unexplained absence from nursing unit
- Other suspicious behavior

When a faculty member has reason to suspect that a student is under the influence of alcohol or any controlled substance, the student will have no further client contact until the faculty member reports the incident to the program director or chairperson. The program director or chairperson will meet with the student and the faculty member at the site. The faculty members will document the incident in writing and further procedures will ensue according to current policy.

Infectious Diseases

Concern for the welfare of students, faculty members, and clients requires attention to control of infections of all types. The Nursing Department will use the latest available known medical information to achieve this goal. At the same time, the Nursing Department is committed to a policy of nondiscrimination for students and faculty members and a fundamental responsibility to provide care to all clients.

Refusal to care for clients with infectious diseases, including clients infected with HIV, is contrary to the ethics of the nursing profession. Nova Southeastern University will offer students diagnosed with diseases such as HIV and hepatitis the same opportunities and benefits offered to other students. These include access to educational programs, advisement and counseling services, employment opportunities, and financial aid. Nova Southeastern University faculty believe that HIV and Hepatitis B disease education exercises some control over the spread of this

infection and better helps students and employees to understand the nature of this infection. The college is, therefore, committed to educating its students about the transmission and control of infection and about the rights and responsibilities of the infected.

The coursework in nursing will require exposure to body fluids. Because of the added risk to the student, special procedures will be used to support these client care activities. The student is ultimately responsible for applying the principles of Standard/ Universal Blood and Body Fluid Precautions in any contact with clients. All body fluids should be considered contaminated.

- The Nursing Department will follow the Centers for Disease Control (CDC) guidelines and apply current knowledge about infectious disease processes. The student will be provided with additional education, in the nursing curriculum, on the normal protective mechanisms of the body, asepsis and personal hygiene, and impairment in the immune system including HIV/ AIDS.
- The current federal (CDC, OSHA) and state regulations (statutes) will apply with regard to testing, disclosure, control, and exposure.
- The HIV-positive nursing student may consult with the department representative for student disability services for information or assistance in dealing with specific needs.
- Students must be able to participate fully in the activities required for client care. Students who require special accommodations are expected to request those through the department representative. Students who have not been able to participate fully in client care activities due to illness must present a statement from a physician, nurse practitioner or physician assist reflecting their ability to adequately and safely perform client care duties. Students may not be cleared to participate in -light duty."
- The nursing student is expected to care for infectious clients when assigned. Unique or at-risk aspects of a student's health status may preclude assignment to a client with a certain specific infectious disease. Students must inform the faculty member of personal needs involving client assignments. Reasonable accommodations will be made unless undue hardship can be demonstrated. Students seeking such accommodations are expected to request those through the department representative.
- The clinical assignments will be made using the following parameters:
  - The professional judgment of the faculty member indicates that the student possesses the necessary cognitive, psychomotor, and affective skills.
  - The nursing needs of the client are consistent with course content and the student's expected level of knowledge.
  - Students may be assigned to care for clients who have, or are suspected of having, infectious diseases, including HIV, after they have completed program content on standard blood and body fluid precautions.
- The nursing student will attempt to avoid accidental injuries by treating sharp items (needles, scalpels, blades, etc.) as potentially infected and as objects that are to be handled with extraordinary care. Nursing students are expected to follow the policies and procedures of the affiliating agency and the Nursing Department related to the use and disposal of sharps. A nursing student who is specifically exposed, by contact with blood or body fluids, in a manner known to be able to transmit infectious organisms will immediately report the exposure to the nursing faculty member and the clinical facility in which the exposure occurred. Appropriate steps will be taken to assist the student in following OSHA rules for exposure to blood and body secretions and obtaining appropriate health care.

Liability (Malpractice) Insurance

All nursing students enrolled in clinical nursing courses will pay an insurance fee per academic year to cover the cost of malpractice insurance.

Testing Protocol

Testing is a means of providing the student with an opportunity to demonstrate learning. Sharing of information related to test items is a violation of the Student Code of Conduct and is considered academic dishonesty. The following guidelines for test taking are to be observed by all nursing students. Special guidelines, referring to laboratory (performance) testing, classroom (paper and pencil) testing, or computerized testing are given below.

For All Testing Situations:

- Be on time for all testing situations. No additional time beyond the scheduled testing time will be given for students who arrive late.
- Place all books and personal belongings in the front of the room or out of the testing area. Keep personal items to a minimum.
- Do not talk to or look at other students while they are anywhere in the testing area.
- If assistance from the proctor is needed, students should remain seated and raise their hand. Do not move or stand up during the testing session unless requested to do so by the proctor.
- Leaving and re-entering the testing room during the testing session will not be permitted. Please take care of personal needs before testing begins.
- Recorders are not to be brought into the testing area. Cell phones and pagers must be turned off and left in front of the room.
- After completing the test and leaving the room, do not re-enter while testing is in progress.
- Do not behave in any way commonly associated with or inferring academic dishonesty.

For Classroom (paper and pencil) Testing Situations:

- Students should write their name and student number on the test and on the answer sheet.
- Keep the test and answer sheet flat on the desk.
- Students should follow the instructions of the proctor before leaving their seats.
- Students should not write on the answer sheet or test booklet after leaving their desk to turn in the test.
- Turn in both the test and answer sheet and any scrap paper before leaving the room.

For Test Reviews:

- Place all books, papers, etc., at the front or back of the room.
- Absolutely no recording of test reviews is permitted.
- Students who attempt to record any test reviews, either on paper or on tape, will be subject to academic dishonesty procedures.

Textbooks and Supplies

The textbooks and other related reading materials and supplies required for nursing are available for purchase at the Nova Southeastern University campus bookstore or online. Many of the textbooks purchased for nursing will be purchased during the first nursing course and used throughout the program. Unless advised otherwise, the Nursing Department recommends that students do not purchase textbooks required at other course levels until they are ready to enroll in these courses. This will enable students to have the most current required editions. The department also suggests that students put their names in all of their textbooks. It is strongly recommended that students do not leave them unattended in the classroom or elsewhere.

Students should buy their books early. After the first few weeks of the semester, the bookstore returns all books that have not been purchased to the publishers. Books are expensive, but financial aid is available. Books may also be purchased online through the NSU bookstore.

In addition to the printed materials, students will also need the following supplies: a watch with a second hand, bandage scissors, and stethoscope. These are available for purchase at any local uniform shop or via the Internet. All students will be measured for an NSU lab coat during the orientation.

All entry-level students need to purchase a PDA. The department will notify students during the first term regarding the specifications of the PDA. Students must have access to a computer with Microsoft Office software.

Majors in Nursing

Bachelor of Science in Nursing—Entry-Level Track

The entry-level track is designed for students who are seeking initial licensure as a registered nurse. Upon completion of 121 credits, the student is awarded a bachelor of science degree in nursing (B.S.N.) and is eligible to make application to sit for the national licensure examination for registered nurses (NCLEX-RN). The entry-level nursing track curriculum is completed following a minimum of 30 credit hours (or equivalent quarter hours) of specific undergraduate coursework. This coursework may be completed at a community college or another university. Upon completion of the 30 credit hours, the student may apply to the nursing program.

The remainder of the 91 credit hours may be completed within seven terms (three terms per year) in the nursing program. Each term is a combination of didactic and clinical courses. The department requires matriculants to complete the entire program. Individual requests for advanced placement, transfer of credit, or credit for experiential learning will be reviewed in line with college requirements.

Bachelor of Science in Nursing—Entry-Level Track Curriculum

Students in the Bachelor of Science in Nursing—Entry-Level Track are required to take 30 credit hours of general education coursework and 91 credit hours of designated nursing courses, resulting in a total of 121 credit hours necessary for graduation. Dual enrollment students should follow the Farquhar College of Arts and Sciences' curriculum plan for nursing dual admissions students. For more information about the pre-nursing specialization, refer to the *Specializations* section in the Farquhar College of Arts and Sciences' Division of Math, Science, and Technology portion of this catalog.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Bachelor of Science in Nursing—Entry-Level Track Major Requirements (91 credit hours)

Students must complete all pre- and co-requisite nursing courses and be enrolled in the final general education/ BHS course prior to enrolling in NUR 4050 or NUR 4180. Students who withdraw from general education/ BHS courses during the final term must withdraw from the nursing courses.

PHS 4904	Advanced Anatomy for Health Professions (4 credit hours)
NUT 3000	Nutrition for Health Professionals (3 credit hours)
BHS 3110	Health Care Ethics (3 credit hours)
BHS or Nursing	Elective (3 credit hours)
NUR 3000	The Nurse as a Scholar (3 credit hours)
NUR 3020	Theoretical Foundations of Nursing Practice (3 credit hours)
NUR 3029	Foundations of Health Assessment (3 credit hours)
NUR 3032	Foundations of Pathophysiology (3 credit hours)
NUR 3050	Applied Nursing Research (3 credit hours)
NUR 3130	Foundations of Professional Nursing Practice (6 credit hours)
NUR 3160	Introduction to Professional Nursing (3 credit hours)
NUR 3170	Nursing and Health Care Informatics (3 credit hours)
NUR 3180	Primary Concepts of Adult Nursing (6 credit hours)
NUR 3191	Pharmacological Basis for Nursing Interventions I (2 credit hours)
NUR 3192	Pharmacological Basis for Nursing Interventions II (2 credit hours)
NUR 3200	Biostatistics for Nursing Practice (3 credit hours)
NUR 3250	Concepts of Psychiatric-Mental Health Nursing (4 credit hours)
NUR 4020	The Nurse as a Leader and Manager (3 credit hours)
NUR 4030	The Business of Health Care (3 credit hours)

NUR 4110 Advanced Concepts of Adult Nursing II (6 credit hours)
NUR 4120 Advanced Concepts of Adult Nursing III (5 credit hours)
NUR 4130 Concepts of Maternal-Child Nursing and Families (5 credit hours)
NUR 4150 Concepts of Community-Based Nursing Practice (4 credit hours)
NUR 4160 Genetics for Nursing Practice (2 credit hours)
NUR 4180 Nursing Practicum (6 credit hours)

Bachelor of Science in Nursing—R.N. to B.S.N. Track

This option is designed for the registered nurse holding an associate's degree or diploma from a hospital-based nursing school licensed in the United States who now wants to obtain a B.S.N. If the applicant does not hold this license, the license must be approved by the nursing department chair and the College of Allied Health and Nursing dean. Failure to comply will result in the accepted student's inability to continue with his or her coursework. Students may complete the general education requirements in conjunction with the R.N. to B.S.N. track. Students are awarded 61 credit hours of prior leaning credits. Individual requests for advanced placement, transfer of credit, or credit for experiential learning will be reviewed in line with college requirements. Although the track may be completed in as little as six terms, some students elect to spread the coursework out over a longer period of time.

Bachelor of Science in Nursing—R.N. to B.S.N. Track Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog. General education courses may be completed at any accredited community college or university.

Bachelor of Science in Nursing—R.N. to B.S.N. Major Requirements (91 credits)

Cognate and nursing courses must be completed at NSU.

Cognate Courses (13 credits)
PHS 4904 Advanced Anatomy and Physiology for Health Professions** (4 credits)
NUT 3000 Nutrition for the Health Professional** (3 credits)
BHS 3110 Health Care Ethics (3 credits)
Any BHS or Nursing Elective*** (3 credits)

Nursing Courses (78 credits)
NUR 3000 The Nurse as a Scholar (3 credits)
NUR 3013 Transition to Professional Nursing (3 credits)
NUR 3020 Theoretical Foundations of Nursing Practice (3 credits)
NUR 3031 Pathophysiology (3 credits)
NUR 3030 Health Assessment (3 credits)
NRU 3200 Biostatistics for Nursing Practice (3 credits)
NUR 3170 Nursing and Health Care Informatics (3 credits)
NUR 3050 Applied Nursing Research (3 credits)
NUR 4020 The Nurse as a Leader and Manager (3 credits)
NUR 4030 The Business of Health Care (3 credits)
NUR 4150 Community-Based Nursing Practice (4 credits)
NUR 4160 Genetics for Nursing Practice (2 credits)
Prior Learning Nursing Credits** (42 credits)

**Credit with R.N. license
***Please see the bachelor of health science course descriptions.

Farquhar College of Arts and Sciences

Farquhar College of Arts and Sciences

Dean's Message

Welcome to Nova Southeastern University and the Farquhar College of Arts and Sciences. At NSU, students enroll in a diverse array of majors and minors, working closely with outstanding faculty and learning resources, to pursue their educational goals. Our mission is to serve all undergraduate students with personalized, attentive, caring, and high-quality academic experiences that support their personal and professional development.

In the Farquhar College of Arts and Sciences we focus on developing critical thinking, communications, and writing skills, and preparing our students in their programs of study with the tools and specialized knowledge necessary for professional success. Our students receive a comprehensive education that helps them directly enter the workforce after graduation or continue their education in graduate or professional school.

We are also focused on preparing students for the challenges of an increasingly diverse and complex global society. We emphasize intellectual community among our students and faculty members and provide the broad liberal arts background and values that will support them for a lifetime of well-rounded, engaged citizenship. Regardless of major, students receive a comprehensive general education program and have the opportunity to explore coursework as well as complementary combinations of specializations, minors, and double majors that will satisfy their academic and professional needs and their burgeoning curiosity about new subjects. We also support our students as they pursue study abroad, independent research, and creative interests that expand their experiences outside of the classroom.

The Farquhar College of Arts and Sciences and Nova Southeastern University provide exceptional opportunities and experiences. It is an exciting place to be. On behalf of our faculty and staff, I extend best wishes for a successful academic year and continued progress toward your personal and professional goals.

Don Rosenblum, Ph.D.

Don Rosenblum, Ph.D.
Dean, Farquhar College of Arts and Sciences

Mission Statement

The Farquhar College of Arts and Sciences at Nova Southeastern University provides outstanding programs of study in humanities, social and behavioral sciences, performing and visual arts, information technology, and biological, environmental, and physical sciences that enhance critical thinking, effective communication, professional development, lifelong learning, and responsible citizenship.

Introduction to the Farquhar College of Arts and Sciences

The Farquhar College of Arts and Sciences provides a comprehensive interdisciplinary education that prepares students for:

- Professional careers
- Further exploration through graduate and professional study
- Responsible citizenship

The college houses 22 undergraduate majors, 41 undergraduate minors, and five certificate programs organized in three divisions: the Division of Humanities; the Division of Math, Science, and Technology; and the Division of Social and Behavioral Sciences.

This section includes learning outcomes and curricula for majors, minors, and certificates offered by the Farquhar College of Arts and Sciences. All other division information, i.e., admissions, general policies, and program delivery, is included in other applicable catalog sections.

To receive a bachelor's degree in the Farquhar College of Arts and Sciences, students must complete at least 120 credits, including major, minor, general education, and electives coursework. For complete graduation requirements, see the *Graduation Requirements* section in Academic Resources and Procedures.

Division of Humanities

The Division of Humanities offers the bachelor of science degree in legal studies and the bachelor of arts degree in American studies, communication studies, English, history, humanities, international studies, and theatre.

Majors in Humanities

American Studies Major

The American studies major is designed to provide students with an interdisciplinary learning experience focusing on critical examination of American life and culture. The approach of this major is the study of American culture from many directions, while still viewing America as a whole, rather than from the perspective of a single discipline. The main disciplines of the major include the arts, literature, history, and humanities. The American studies major gives students a foundation for many types of graduate study, as well as the pursuit of various careers in fields such as law, government, public relations, and education.

American Studies Major Learning Outcomes

A successful American studies graduate is expected to:

1. Evaluate American civic issues critically;
2. Synthesize various media and methods from multiple disciplines in an exploration of the construction of the American character;
3. Evaluate America as a whole cultural category.

American Studies Major Curriculum

Students must complete one required course (3 credits) and courses from three concentrations (36 credits) for a total of 39 credits. At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

American Studies Major Requirements (39 credits)

Core Course (3 credits)
HUMN 2600 Introduction to American Studies (3 credits)

Students must meet all course criteria in the following areas:
Art and Culture (12 credits)
Select 12 credits from the following courses:
COMM 3100 Gendered Images in Popular Culture (3 credits)
FILM 3040 Women and Film (3 credits)
FILM 3050 Literature and Film (3 credits)
FILM 3060 Film Noir (3 credits)
HUMN 3610 Harlem Renaissance (3 credits)
HUMN 3620 American Transcendentalism (3 credits)

Literature (12 credits)
Select 12 credits from the following courses, including LITR 2020 and LITR 2021:

LITR 2020	American Literature I (required) (3 credits)
LITR 2021	American Literature II (required) (3 credits)
LITR 3230	American Renaissance Literature (3 credits)
LITR 3520	African-American Literature (3 credits)
LITR 4730	Faulkner (3 credits)

History (12 credits)
Select 12 credits from the following courses, including HIST 1030 and HIST 1040:

HIST 1030	American History to 1865 (required) (3 credits)
HIST 1040	American History Since 1865 (required) (3 credits)
HIST 3010	Constitutional History I (3 credits)
HIST 3020	Constitutional History II (3 credits)
HIST 3130	Vietnam (3 credits)
HIST 3230	The Great Depression (3 credits)

Art Major

The art major is designed to provide students with a dynamic and comprehensive instructional program in the visual arts. Students may earn a B.A. in art with concentrations in studio art or graphic design. The art degree program prepares students for careers as freelance artists or for employment with public and private organizations in the art industry.

Art Major Learning Outcomes

The successful art graduate is expected to:

1. Effectively apply visual design and composition concepts to produce original art;
2. Identify major art movements, the relevant artists and their art;
3. Evaluate art using aesthetic theories.

Art Major Curriculum

Students must complete art core courses (25 credits), 18 credits in one of the two concentrations, and three elective credits for a total of 46 credits.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Art Major Requirements (46 credits)

Core Courses (25 credits)

ARTS 1200	Introduction to Drawing (3 credits)
ARTS 1250	Life Drawing (3 credits)
ARTS 1700	Fundamentals of Color (3 credits)
ARTS 1800	Two-Dimensional Design (3 credits)
ARTS 2800	Three-Dimensional Design (3 credits)
ARTS 2200	Digital Photography (3 credits)
ARTS 3800	Art History I (3 credits)
ARTS 3850	Art History II (3 credits)
ARTS 4995	Senior Project (1 credits)

Concentrations (18 credits)
Select one of the following areas of concentration:

Studio Art Concentration (18 credits)
Select 18 credits from the following courses:
ARTS 2100 Painting I (3 credits)
ARTS 3100 Painting II (3 credits)
ARTS 3200 Digital Photographic Design (3 credits)
ARTS 3500 Sculpture I (3 credits)
ARTS 3550 Ceramics I (3 credits)
ARTS 3700 Methods and Materials (3 credits)
ARTS 4100 Contemporary Art (3 credits)
ARTS 4300 Experimental Studio Art (3 credits)
ARTS 4400 Installation Art (3 credits)

Graphic Design Concentration (18 credits)
Select 18 credits from the following courses:
ARTS 2410 Graphic Design I (3 credits)
ARTS 2450 Graphic Design II (3 credits)
ARTS 3200 Digital Photographic Design (3 credits)
ARTS 3450 Graphic Design III (3 credits)
ARTS 3600 Typography (3 credits)
ARTS 4200 Contemporary Graphic Design (3 credits)
ARTS 4500 Professional Print Design (3 credits)
ARTS 4250 Multimedia and Web Design (3 credits)

Major Electives (3 credits)
Select three credits from the following courses:
ARTS 2600 Introduction to Arts Administration (3 credits)
ARTS 3020 Women in the Arts (3 credits)
ARTS 3300 Myth and Art (3 credits)
ARTS 3400 Non-Western and Modern Art (3 credits)
PHIL 4000 Philosophy of Art (3 credits)

Communication Studies Major

The communication studies major takes a broad approach, giving students a varied background in speech communication, media studies, and public relations. Students will learn how to write and listen effectively, as well as acquire skills in presentation, understand the role of communication in various settings, identify theories and models of communication, and be conversant in mass media concepts and practices including publicity and promotion. A communication studies major prepares students for a wide variety of careers in such fields as journalism, television and radio broadcasting, education, public relations, and law.

Communication Studies Major Learning Outcomes

A successful communication studies graduate is expected to:

1. Present effective messages for diverse interpersonal, small group, public, and mass audiences;
2. Articulate relevant professional ethical standards in communication;
3. Identify, analyze, and articulate significant theories and models of communication.

Communication Studies Major Curriculum

Students must complete communication studies core courses (21 credits) as well as 15 credits in one of three concentrations for a total of 36 credits. At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Communication Studies Major Requirements (36 credits)

Core Courses (21 credits)
Select 21 credits from the following courses:
COMM 2100 Mass Media (3 credits)
COMM 2900 Research Methods in Communication (3 credits)
COMM 3110 Communication Theory (3 credits)
COMM 3600 Persuasion (3 credits)
COMM 4900 Special Topics in Communication (3 credits)
HUMN 3010 Communication Traditions (3 credits)
PHIL 3010 Ethical Issues in Communication (3 credits)
SPCH 1010 Public Speaking (3 credits)
SPCH 2000 Fundamentals of Human Communication (3 credits)

Concentrations (15 credits)
Select one of the following areas of concentration:

Media Studies Concentration (15 credits)
Select 15 credits from the following courses:
COMM 2010 Introduction to Print Journalism (3 credits)
COMM 2200 Introduction to Broadcast Journalism (3 credits)
COMM 3100 Gendered Images in Popular Culture (3 credits)
COMM 3500 Media Regulation (3 credits)
COMM 4500 Media and Cultural Studies (3 credits)
COMM 4950 Internship in Communication (3 credits)
THEA 2025 Performance for Film and Television (3 credits)
THEA 2200 Vocal Articulation for Media and Stage (3 credits)
Maximum of three credits from the following courses:
FILM 3040 Women and Film (3 credits)
FILM 3050 Literature and Film (3 credits)
FILM 3060 Film Noir (3 credits)
FILM 4000 History of Film (3 credits)
FILM 4500 Major Directors (3 credits)
FILM 4900 Special Topics in Film (3 credits)

Public Relations Concentration (15 credits)
Complete the following courses:
COMM 3200 Principles of Public Relations (3 credits)
COMM 3500 Media Regulation (3 credits)
COMM 4000 Writing for Public Relations (3 credits)

Select six credits from the following courses:
COMM 4500 Media and Cultural Studies (3 credits)
COMM 4950 Internship in Communication (3 credits)
SPCH 3120 Speech Communication for the Professions (3 credits)

Speech Communication Concentration (15 credits)
Select 15 credits from the following courses:
COMM 2300 Intercultural Communication (3 credits)
COMM 3050 Performance Studies (3 credits)
COMM 4500 Media and Cultural Studies (3 credits)

SPCH 2020 Argument and Debate (3 credits)
SPCH 3120 Speech Communication for the Professions (3 credits)
THEA 2025 Performance for Film and Television (3 credits)
THEA 2200 Vocal Articulation for Media and Stage (3 credits)

Dance Major

The dance major will help students develop in several areas: technical proficiency, historical and cultural perspectives, personal artistry, and production skills. The major will also provide students with an understanding of how dance fits into a larger global context through courses in dance history, global perspectives on dance, and contemporary dance techniques. Students in the major will learn the behind-the-scenes process of putting a show together in a technical theatre class and will get the opportunity to develop their own unique voice as artists in choreography and dance composition courses. The dance major prepares graduates for careers in dance performance, choreography, dance education, and advanced study in a graduate program.

Dance Major Learning Outcomes

The successful dance graduate is expected to:

1. Exhibit proficiency in various dance techniques and styles;
2. Identify and evaluate historical, cultural and stylistic forms of dance;
3. Demonstrate personal artistry in the creation of dance performances;
4. Explain the movement of the body in relation to dance.

Dance Major Curriculum

Students must complete dance core courses (25 credits), 16 studio credits, and six elective credits for a total of 47 credits.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Dance Major Requirements (47 credits)

Core Courses (25 credits)
DANC 1500 Contemporary Dance Techniques (3 credits)
DANC 3200 Dance History (3 credits)
THEA 2060 Technical Theatre (3 credits)
DANC 2100 Dance Lab (1 credit each, must be taken 4 times) (4 credits)
DANC 3500 Global Dance Perspectives (3 credits)
DANC 4000 Dance Composition (3 credits)
DANC 4300 Dance Choreography (3 credits)
DANC 4500 Dance Improvisation (3 credits)

Studio Electives (16 credits)
Select 16 credits from the following courses:
DANC 1200 Ballet I (2 credits)
DANC 1400 Jazz Dance I (2 credits)
DANC 1600 Modern Dance I (2 credits)
DANC 2200 Ballet II (2 credits)
DANC 2400 Jazz Dance II (2 credits)
DANC 2600 Modern Dance II (2 credits)
DANC 3000 African Dance (2 credits)
DANC 3300 Latin and Caribbean Dance (2 credits)

DANC 3600 Modern Dance III (2 credits)

Major Electives (6 credits)
Select six credits from the following courses:
ARTS 2600 Introduction to Arts Administration (3 credits)
THEA 2000 Voice & Movement (3 credits)
THEA 3050 Costuming & Make-Up (3 credits)
THEA 3500 Stage and Production Management (3 credits)
DANC 4900 Special Topics in Dance (3 credits)
DANC 4990 Independent Study in Dance (3 credits)
DANC 4950 Internship in Dance (3 credits)

English Major

The English major is designed to provide students with a background in British, American, and world literatures, literary criticism and theory, popular culture, and rhetoric and composition. Students in this major will develop critical thinking, close reading, and analytical and creative writing skills. An English major prepares students for a wide variety of careers in such fields as education, publishing, law, business, and government.

English Major Learning Outcomes

A successful English graduate is expected to:

1. Produce written arguments about literary texts;
2. Identify literary periods, authors, and genres;
3. Analyze literary texts as creative expressions, and historical and cultural artifacts.

English Major Curriculum

Students must complete a total of 33 credits in the major. At least 18 credits in the major must be at the 3000/40 00 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

English Major Requirements (33 credits)

Literature Survey (12 credits)
Select 12 credits from the following courses:
LITR 2010 British Literature I (3 credits)
LITR 2011 British Literature II (3 credits)
LITR 2020 American Literature I (3 credits)
LITR 2021 American Literature II (3 credits)
LITR 2030 World Literature I (3 credits)
LITR 2031 World Literature II (3 credits)

Literature Core Courses (18 credits)
LITR 3060 History and Structure of the English Language (3 credits)
LITR 4050 Literary Criticism and Theory (3 credits)

Any LITR 3200 ―Literary Period Studies" course (3 credits)
LITR 3210 British Romantic Literature (3 credits)
LITR 3230 American Renaissance Literature (3 credits)

LITR 3260 Modernist World Literature (3 credits)

Any LITR 3500 "Literary Area Studies" course (3 credits)
LITR 3500 Literature and Medicine (3 credits)
LITR 3510 Irish Literature (3 credits)
LITR 3520 African-American Literature (3 credits)

Any LITR 3600 "Literary Genres" course (3 credits)
LITR 3620 Studies in Poetry (3 credits)
LITR 3630 Studies in the Novel (3 credits)
LITR 3640 Studies in Drama (3 credits)
LITR 3650 Studies in Detective Fiction (3 credits)
LITR 3660 Young Adult Literature (3 credits)

Any LITR 4700 "Major Authors" course (3 credits)
LITR 4720 Shakespeare (3 credits)
LITR 4730 Faulkner (3 credits)
LITR 4740 Austen (3 credits)

Major Elective (3 credits)
Any 3000/4000-level LITR course (3 credits)

History Major

The history major is designed to provide students with a background in American, European, world, and Latin American history, western civilization, constitutional history, and the intersections between history and culture. Graduates of the program will have studied one of the most interesting subjects available in a college curriculum: the human past. A history major will be proficient in research, writing, debate, analysis, and interpretation of a myriad of historical events and patterns that cross boundaries of time and geography.

History Major Learning Outcomes

A successful history graduate is expected to:

1. Evaluate historical arguments;
2. Analyze complex historical texts and materials;
3. Identify the major periods and events of American history and either western or world history;
4. Identify and explain the cultural forces and influences associated with historical events.

History Curriculum

Students must complete a total of 36 credits in the major. At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

History Major Requirements (36 credits)

Historical Surveys (12 credits)
Select 12 credits from the following courses:
HIST 1030 American History to 1865 (3 credits)
HIST 1040 American History Since 1865 (3 credits)
HIST 1090 Early Western History (3 credits)

HIST 1110 Modern Western History (3 credits)
HIST 1150 Early World History (3 credits)
HIST 1160 Modern World History (3 credits)

Intermediate Study (6 credits)
Select six credits from the following courses:
HIST 2010 History of Florida (3 credits)
HIST 2130 Formation of Latin America (3 credits)
HIST 2140 Modern Latin America (3 credits)
HIST 2200 Asian History (3 credits)
HIST 2300 Caribbean History (3 credits)
HIST 2400 African History (3 credits)

Advanced Study (18 credits)
Select 18 credits from the following courses, including HIST 4500:
HIST 4500 Historiography (required) (3 credits)
HIST 3010 Constitutional History I (3 credits)
HIST 3020 Constitutional History II (3 credits)
HIST 3130 Vietnam (3 credits)
HIST 3140 The Holocaust (3 credits)
HIST 3230 The Great Depression (3 credits)
HIST 3240 Irish History (3 credits)
HIST 3400 U.S. Foreign Relations (3 credits)
HIST 4900 Special Topics in History (3 credits)

Humanities Major

The humanities major is a student-designed individualized program of study for students wishing to gain a broad background in the various disciplines included in the liberal arts, such as the arts, history, literature, philosophy, theatre, and interdisciplinary studies. The courses in this major aid students in developing analytical and communication skills, aesthetic responsiveness, and intellectual integrity.

Humanities Major Learning Outcomes

A successful humanities graduate is expected to:

1. Critically analyze theories and arguments;
2. Synthesize materials from selected humanities disciplines;
3. Evaluate the role of the humanities in expressing human experience.

Humanities Major Curriculum

In order to complete the humanities major, the student must submit to the director of the Division of Humanities, in consultation with a full-time member of the faculty in the Division of Humanities, a written prospectus outlining his or her program of study. The student, the consulting faculty member, and the director must sign the prospectus no later than the end of the first semester in which the student declares the major. The student‘s program of study must also satisfy these requirements:

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Humanities Major Requirements (30 credits)
The student must complete 12 credits in the humanities core, and 27 credits in various humanities disciplines; at least 18 credits in the major must be at the 3000/4000 level.

Core Courses (12 credits)
Any nine credits with a HUMN prefix
HUMN 4800 Humanities Capstone (3 credits)

Specializations (27 credits)
Select nine credits at the 3000/4000 level in three of the following discipline categories:

1. Film (FILM prefix)
2. History (HIST prefix)
3. Literature (LITR prefix)
4. Philosophy (PHIL prefix)
5. Performing and Visual Arts (limited to the following courses):
   - ARTS 3020 Women in the Arts (3 credits)
   - ARTS 3300 Myth and Art (3 credits)
   - ARTS 3400 Non-Western and Modern Art (3 credits)
   - ARTS 3800 Art History I (3 credits)
   - ARTS 3850 Art History II (3 credits)
   - ARTS 4900 Special Topics in the Arts (3 credits)
   - DANC 3000 Dance History (3 credits)
   - MUSC 3200 Musicology I (3 credits)
   - MUSC 3250 Musicology II (3 credits)
   - THEA 3200 Theatre History I (3 credits)
   - THEA 3250 Theatre History II (3 credits)

International Studies Major

The International Studies major is designed for students who wish to pursue an interdisciplinary approach to the global environment and who wish to gain a deeper understanding of a particular region outside of the United States. Courses highlighting the art, culture, history, law, literature, and government of various regions will be offered. Students in this major will develop critical thinking, close reading, and analytical writing skills. An International Studies major prepares students for a wide variety of careers in such fields as politics, law, business, journalism, education, public relations, research, and government.

International Studies Major Learning Outcomes

The successful international studies graduate is expected to:

1. Analyze material relating to world art, culture, history, law, literature and/or government;
2. Synthesize subject matter from international history, culture, and politics;
3. Demonstrate competency in a foreign language.

International Studies Major Curriculum

In order to complete the international studies major, the student must submit to the director of the Division of Humanities, in consultation with a full-time member of the faculty in the Division of Humanities, a written prospectus outlining his or her program of study. The student, the consulting faculty member, and the director must sign the prospectus no later than the end of the first semester in which the student declares the major. The student‘s program of study must also satisfy these requirements:

Students must complete six credits of core courses, at least nine credits in each of two concentrations, a foreign language requirement, an international travel study requirement, and a capstone experience. At least 18 credits must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

International Studies Major Requirements (39–51 credits, depending on foreign language)

Core Courses (12 credits)
Select two of the following (6 credits):
COMM 2300 Intercultural Communication (3 credits)
GEOG 2050 Survey of Geography (3 credits)
INST 1500 Global Issues (3 credits)

Select one of the following (3 credits):
HIST 1090 Early Western History (3 credits)
HIST 1110 Modern Western History (3 credits)
HIST 1150 Early World History (3 credits)
HIST 1160 Modern World History (3 credits)

Select one of the following (3 credits):
LITR 2010 British Literature I (3 credits)
LITR 2011 British Literature II (3 credits)
LITR 2030 World Literature I (3 credits)
LITR 2031 World Literature II (3 credits)

Concentrations (18 credits)
Select nine credits in each of the following concentrations:

Art, Literature, and Culture Concentration (9 credits)
Select nine credits from the following courses:
ARTS 3300 Myth and Art (3 credits)
ARTS 3400 Non-Western and Modern Art (3 credits)
HUMN 2300 Introduction to World Mythology (3 credits)
HUMN 2350 Introduction to Folklore (3 credits)
HUMN 2400 Introduction to Celtic Studies (3 credits)
HUMN 3800 Mexican Cult of Death in Myth and Literature (3 credits)
HUMN 4200 Asian Thought (3 credits)
LITR 3210 British Romantic Literature (3 credits)
LITR 3260 Modernist World Literature (3 credits)
LITR 3510 Irish Literature (3 credits)
LITR 4510 King Arthur (3 credits)
LITR 4720 Shakespeare (3 credits)
LITR 4740 Austen (3 credits)
SPAN 3240 Introduction to Spanish Literature (3 credits)
SPAN 3250 Introduction to Latin American Literature (3 credits)
SPAN 4900 Special Topics in Spanish (3 credits)

History, Law, and Government Concentration (9 credits)
Select nine credits from the following courses:
HIST 2130 Formation of Latin America (3 credits)
HIST 2140 Modern Latin America (3 credits)
HIST 2200 Asian History (3 credits)
HIST 2300 Caribbean History (3 credits)
HIST 2400 African History (3 credits)
HIST 3140 The Holocaust (3 credits)
HIST 3240 Irish History (3 credits)

HIST 3400	U.S. Foreign Relations (3 credits)
LGST 3400	Comparative Legal Systems (3 credits)
LGST 4410	International Law (3 credits)
PHIL 3670	Social and Political Philosophy (3 credits)
POLS 2010	Comparative Government (3 credits)
POLS 3010	Politics of Modern Ireland (3 credits)

Foreign Language Requirement
Students must complete a requirement involving a language relevant to their area of concentration and interest. The minimum acceptable proficiency level must be equivalent to two years of college or university basic language instruction. This requirement can be met in a number of ways, not exclusive of the following:

1. Complete the equivalent of at least 12 foreign language credits at NSU
2. Complete the equivalent of at least two years of college-level foreign language courses at a regionally accredited college or university prior to transfer to NSU
3. Achieve a successful score on a pre-approved language proficiency exam such as the NYU Foreign Language Proficiency Exam (of those languages available for testing). Students should contact the Office of Academic Services about appropriate exams.

International Travel Study Requirement (6 credits)
Students must complete a pre-approved international travel study experience equivalent to at least six credits (whether through an NSU-sponsored program or otherwise). This requirement can be met by using more than one study abroad experience.

Capstone Experience Requirement (3 credits)

INST 4800 Crossroads of the Transatlantic World (3 credits)

Legal Studies Major

The legal studies major is designed for students interested in preparing for law school or other graduate study and for those who want to pursue a humanities major with a legal perspective. The courses in the major assist students in developing analytical and communication skills and an understanding of economic, political, and social contexts within which legal issues arise.

Legal Studies Major Learning Outcomes

A successful legal studies graduate is expected to:

1. Evaluate the elements of oral and written argument relevant to legal issues;
2. Explain the historical development of legal systems;
3. Analyze the economic, political and social contexts of legal decisions and legal systems;
4. Explain the philosophical issues that arise in law.

Legal Studies Major Curriculum

Students must complete the legal studies core (18 credits), either the pre-law or international law concentration (12 credits), and two legal studies advanced electives (6 credits) for a total of 36 credits. At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Legal Studies Major Requirements (36 credits)

Core Courses (18 credits)

LGST 2500 Introduction to Legal Studies (3 credits)
PHIL 1400 Introduction to Logic (3 credits) *OR* PHIL 2400 Symbolic Logic (3 credits)
PHIL 2000/3010/3180/3200/3360 "Ethics" (3 credits)
PHIL 3510 Ancient Philosophy (3 credits) *OR* PHIL 3520 Modern Philosophy (3 credits)
PHIL 3660 Philosophy of Law (3 credits) *OR* PHIL 3670 Social and Political Philosophy (3 credits)
SPCH 2020 Argument and Debate (3 credits)

Concentrations (12 credits)

Select one of the following concentrations:

International Law Concentration (12 credits)

INST 1500 Global Issues (3 credits)
LGST 3400 Comparative Legal Systems (3 credits)
LGST 4410 International Law (3 credits)
POLS 2010 Comparative Government (3 credits)

Pre-Law Concentration (12 credits)

HIST 3010 Constitutional History I (3 credits)
HIST 3020 Constitutional History II (3 credits)
LGST 4000 Legal Research and Trial Advocacy (3 credits)
POLS 1010 American Government and Politics (3 credits)

Advanced Major Electives (6 credits)

Select six credits from the following courses:

LGST 3350 Environmental Law and Policy (3 credits)
LGST 4000 Legal Research and Trial Advocacy (3 credits)
LGST 4050 Civil and Political Liberties (3 credits)
LGST 4260 Private Law (3 credits)
LGST 4270 Judicial Politics and Process (3 credits)
LGST 4410 International Law (3 credits)
LGST 4950 Internship in Legal Studies (3–6 credits)

Music Major

The music major includes a four-semester sequence of music theory supplemented by instruction in piano, sight-reading, and ear training. Musicological studies in the standard repertoire are supplemented with courses specific to the instrument or voice. Conducting reinforces the integration of the music core with performance and develops leadership abilities. Students will improve their performance skills in ensembles which perform regularly on campus and throughout South Florida. A music major prepares students for a wide variety of careers such as professional musician (soloist, chorus, or orchestra member), musical director, conductor, vocal conductor, and music teacher.

Music Major Learning Outcomes

The successful music graduate is expected to:

1. Demonstrate proficiency in music theory with a 75% degree of accuracy in sight-reading, aural dictation, and score analysis;
2. Identify various performance practices and styles and apply these to his or her own performance;
3. Perform accurately and musically with technical adeptness.

Music Major Curriculum

Students must complete music core courses (27 credits); 16 performance, vocal, or instrumental credits; and six elective credits for a total of 49 credits.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Music Major Requirements (49 credits)

Core Courses (27 credits)

MUSC 1800 Music Theory I (3 credits)
MUSC 1850 Music Theory II (3 credits)
MUSC 2800 Music Theory III (3 credits)
MUSC 2850 Music Theory IV (3 credits)
MUSC 1200 Piano I (3 credits)
MUSC 1250 Piano II (3 credits)
MUSC 3200 Musicology I (3 credits)
MUSC 3250 Musicology II (3 credits)
MUSC 4000 Conducting (3 credits)

Performance, Vocal, or Instrumental Requirements (16 credits)

MUSC 2200 Applied Lessons I – 1 credit per semester (4 credits)
MUSC 4200 Applied Lessons II – 1 credit per semester (4 credits)
MUSC 3300 Ensemble – 1 credit per semester (8 credits)

Major Electives (6 credits)

Select six credits from the following courses:
MUSC 1500 Beginning Voice (3 credits)
MUSC 2300 Intermediate Voice Class (3 credits)
MUSC 2900 Vocal Diction (3 credits)
MUSC 2000 Music Performance Ensemble (3 credits)
MUSC 2500 American Popular Music (3 credits)
MUSC 3000 Musical Theatre (3 credits)
MUSC 4100 Composition/MIDI (3 credits)
MUSC 4500 Vocal Literature (3 credits)
MUSC 4600 Instrumental Literature (3 credits)
MUSC 4990 Independent Study in Music (3 credits)
MUSC 4900 Special Topics in Music (3 credits)
MUSC 4950 Internship in Music (3 credits)

Theatre Major

The theatre major at NSU takes a broad approach, giving students a varied background in the discipline of theatre. Students will learn how to communicate effectively, identify the historical periods and styles of theatre, demonstrate knowledge of and skill in aspects of technical theatre, such as costuming, lighting, set design and construction, demonstrate skill in public performance, direct theatrical scenes or productions, and understand the role of drama in culture. A theatre major prepares students for a wide variety of careers in professional theatre, education, television, and broadcast journalism.

Theatre Major Learning Outcomes

A successful theatre graduate is expected to

1. Identify the historical, cultural, and stylistic aspects of theatre;
2. Exhibit skill in technical theatre and design;
3. Display performance skills in theatrical productions;
4. Direct theatrical scenes or productions.

Theatre Major Curriculum

Students must complete the theatre core (25 credits), a technical theatre requirement (6 credits), and four major elective courses (12 credits) for a total of 43 credits. At least 18 credits in the major must be at the 3000/4000 level.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Theatre Major Requirements (43 credits)

Core Courses (25 credits)

LITR 3640	Studies in Drama (3 credits) *OR* LITR 4720 Shakespeare (3 credits)
THEA 2020	Acting I (3 credits)
THEA 2060	Technical Theatre (3 credits)
THEA 2100	Theatre Lab (1 credit each—must take four times)
THEA 3200	Theatre History I (3 credits)
THEA 3250	Theatre History II (3 credits)
THEA 3500	Production and Stage Management (3 credits)
THEA 4100	Directing for the Stage (3 credits)

Technical Theatre Requirement (6 credits)

Select two courses from the following:

THEA 3050	Costuming and Makeup (3 credits)
THEA 3060	Scene Design (3 credits)
THEA 3070	Lighting and Sound Design (3 credits)

Major Electives (12 credits)

Select four courses from the following:

COMM 3050	Performance Studies (3 credits)
THEA 2000	Voice and Movement (3 credits)
THEA 2025	Performance for Film and Television (3 credits)
THEA 2200	Vocal Articulation for Media and Stage (3 credits)
THEA 3020	Acting II (3 credits)
THEA 4020	Acting Styles (3 credits)
THEA 4900	Special Topics in Theatre (3 credits)
THEA 4950	Internship in Theatre (maximum of 3 credits)
THEA 4990	Independent Study in Theatre (1–3 credits)

Minors in Humanities

Arts Administration Minor

The arts administration minor is designed to help prepare students for management in the arts industry. It gives students an overview of the application of specific administrative issues to the arts: communication, public relations, writing, development, policy, education, planning, outreach, and management for arts organizations.

Arts Administration Minor Requirements (18 credits)
Students must complete the following:

ARTS 2600 Introduction to Arts Administration (3 credits)
ARTS 3600 Advanced Arts Administration (3 credits)
COMM 3200 Principles of Public Relations (3 credits)
MGT 2050 Principles of Management (3 credits)
WRIT 3150 Business Writing (3 credits)
Any 3000/4000-level ARTS, MUSC, or THEA course (3 credits)

English Minor

The English minor provides a broad overview of American, British, and world literatures and reinforces effective writing and analytical skills. Combined with any major program of study, the English minor offers students an opportunity to improve their critical thinking and writing, a plus for any profession, and also widens students' perspectives about literary texts of the world from antiquity to the present.

English Minor Requirements (15 credits)
Students must complete 15 credits in any literature (LITR) courses, nine credits of which must be at the 3000/4000 level.

Film Studies Minor

The Film Studies minor provides a broad overview of the study of film, focusing on genre, history, and aesthetics. Students will learn how to analyze the elements of film, to recognize historical trends in film, and to comprehend the social contexts of film.

Film Studies Minor Requirements (15 credits)
Students must complete 15 credits in any film (FILM) courses, nine credits of which must be at the 3000/4000 level.

Folklore and Mythology Minor

The folklore and mythology minor provides students with an overview of the ways that various artistic features of a culture tell the story of where it has been and where it is going. The folklore and mythology minor deepens students' understanding of how a culture's storytelling contributes to its evolution.

Folklore and Mythology Minor Requirements (15 credits)
Students must complete 15 credits from the following list, nine credits of which must be at the 3000/4000 level:

Select three credits from the following courses:
HUMN 2300 Introduction to World Mythology (3 credits)
HUMN 2350 Introduction to Folklore (3 credits)

Select 12 credits from the following courses:
ARTS 3300 Myth and Art (3 credits)
ARTS 3400 Non-Western and Modern Art (3 credits)
COMM 3100 Gendered Images Pop Culture (3 credits)
HUMN 2300 Introduction to World Mythology (3 credits)

HUMN 2350	Introduction to Folklore (3 credits)
HUMN 2400	Introduction to Celtic Studies (3 credits)
HUMN 3800	Mexican Cult of Death in Myth and Literature (3 credits)
HUMN 4100	Death and Dying (3 credits)
HUMN 4200	Asian Thought (3 credits)
HUMN 4310	The Vampire (3 credits)
LITR 4510	King Arthur (3 credits)

Gender Studies Minor

The gender studies minor examines the relationship between biological differences and social inequality, explores the construction of sexual identity, and analyzes the variations in gender systems that have occurred across cultures over time. Students will explore the methods and concepts of gender studies in a variety of academic disciplines including film studies, law, literature, philosophy, psychology, and sociology. Students must complete six credits in required courses and nine credits in elective courses. At least nine credits in the minor must be at the 3000/4000 level.

Gender Studies Minor Requirements (15 credits)

Core Courses (6 credits)

GEST 2050	Introduction to Gender Studies (3 credits)
GEST 4900	Special Topics in Gender Studies (3 credits)

Minor Electives (9 credits)

Select nine credits from the following courses:

ARTS 3020	Women in the Arts (3 credits)
COMM 3100	Gendered Images in Popular Culture (3 credits)
FILM 3040	Women and Film (3 credits)
LITR 3040	Women and Literature (3 credits)
LITR 4060	Critical Theories and Gender (3 credits)
PHIL 4900	Special Topics in Philosophy (when offered as Issues of Gender and Sex) (3 credits)
PSYC 2110	Human Sexuality (3 credits)
PSYC 3360	Psychology of Gender (3 credits)
PSYC 4600	Biological Bases of Behavior (3 credits)
SOCL 3110	Gender, Sexuality and the Family (3 credits)
SOCL 3300	Gender at Work (3 credits)

History Minor

The history minor provides a broad overview of U.S., European, Latin American, and world history and reinforces effective writing and analytical skills. Combined with any major program of study, the history minor offers students an opportunity to improve their critical thinking and writing, a plus for any profession, and also widens students' perspectives about historical events of the world from antiquity to the present.

History Minor Requirements (15 credits)

Students must complete 15 credits in any history (HIST) courses, nine credits of which must be at the 3000/4000 level.

Humanities Minor

The humanities minor provides intellectual challenge and personal development for students who are intrigued by artistic, social, and ethical questions and who wish to study the relationships among liberal arts disciplines. Combined with a major in a specialized field, the humanities minor prepares individuals to meet the challenges of the contemporary world.

Humanities Minor Requirements (15 credits)
Students must complete 15 credits in any humanities (HUMN) courses, nine credits of which must be at the 3000/4000 level.

International Law Minor

The international law minor is designed for those students who seek a broad understanding of the relationships between the legal systems of different nations as well as regulations, agreements, and treaties maintained between specific nations or by international organizations.

International Law Minor Requirements (15 credits)

INST 1500 Global Issues (3 credits)
POLS 2010 Comparative Government (3 credits)
LGST 3400 Comparative Legal Systems (3 credits)
LGST 4410 International Law (3 credits)
Any 3000/4000-level LGST course (3 credits)

International Studies Minor

The international studies minor provides a broad international perspective for students who plan careers in business, government, medical and psychological services, the legal profession, or education. The courses in this minor allow students to expand their concept of social and ecological responsibility in the global arena.

International Studies Minor Requirements (18 credits)
Students must complete 18 credits from the following areas, nine credits of which must be at the 3000/4000 level. A minimum of six credits must be non-Western courses (courses marked with an asterisk).

Core Courses (3 credits)
Select one of the following courses:
COMM 2300 Intercultural Communication (3 credits)
GEOG 2050 Survey of Geography (3 credits)
INST 1500 Global Issues (3 credits)

Concentrations (15 credits)
Select three courses (9 credits) from either the Arts, Literature, and Culture concentration or from the History, Law and Government concentration, and select two courses (6 credits) from the other concentration:

Arts, Literature and Culture Concentration
LITR 2010 British Literature I (3 credits)
LITR 2011 British Literature II (3 credits)
LITR 2030 World Literature I (3 credits)
LITR 2031 World Literature II (3 credits)
ARTS 3300 Myth and Art (3 credits)
*ARTS 3400 Non-Western and Modern Art (3 credits)
HUMN 2300 Introduction to World Mythology (3 credits)
HUMN 2400 Introduction to Celtic Studies (3 credits)
HUMN 2350 Introduction to Folklore (3 credits)
*HUMN 4200 Asian Thought (3 credits)
HUMN 3800 Mexican Cult of Death in Myth and Literature (3 credits)
HUMN 4200 Asian Thought (3 credits)
LITR 3210 British Romantic Literature (3 credits)
LITR 3260 Modernist World Literature (3 credits)
LITR 3510 Irish Literature (3 credits)
LITR 4510 King Arthur (3 credits)
LITR 4720 Shakespeare (3 credits)

LITR 4740	Austen (3 credits)
SPAN 3240	Introduction to Spanish Literature (3 credits)
*SPAN 3250	Introduction to Latin American Literature (3 credits)
SPAN 4900	Special Topics in Spanish Literature (3 credits)

History, Law and Government Concentration

*HIST 1150	Early World History (3 credits)
*HIST 1160	Modern World History (3 credits)
HIST 1090	Early Western History (3 credits)
HIST 1110	Modern Western History (3 credits)
*HIST 2130	Formation of Latin America (3 credits)
*HIST 2140	Modern Latin America (3 credits)
*HIST 2200	Asian History (3 credits)
*HIST 2300	Caribbean History (3 credits)
*HIST 2400	African History (3 credits)
HIST 3140	The Holocaust (3 credits)
HIST 3240	Irish History (3 credits)
HIST 3400	U.S. Foreign Relations (3 credits)
HIST 3430	Renaissance & Reformation Europe (3 credits)
HIST 3440	Enlightenment & Revolution (3 credits)
LGST 3400	Comparative Legal Systems (3 credits)
LGST 4410	International Law (3 credits)
PHIL 3330	History of Political Thought I (3 credits)
PHIL 3340	History of Political Thought II (3 credits)
POLS 2010	Comparative Government (3 credits)
POLS 3010	Irish Politics (3 credits)

Irish Studies Minor

The Irish studies minor is an interdisciplinary program of study focusing on the history, literature, societies, and cultures of Ireland, including the Republic of Ireland, Northern Ireland, and the Irish Diaspora. Students must take at least nine credits at NSU and up to six travel study credits in Ireland or Northern Ireland for a total of 15 credits.

Irish Studies Minor Requirements (15 credits)
Select nine credits from the following courses:

HUMN 2400	Introduction to Celtic Studies (3 credits)
HIST 3240	Irish History (3 credits)
HIST 4900	Special Topics in History, when taught as an Irish history topic (3 credits)
LITR 3510	Irish Literature (3 credits)
POLS 3010	Politics of Modern Ireland (3 credits)

Travel Study Requirement (3–6 credits)

In addition, students must take one or two travel study courses in Ireland or Northern Ireland, preferably after completing at least one of the above core NSU courses. These travel study courses may include any of the following subjects and would be offered as Special Topics courses:

Irish Art and Architecture
Irish Film
Irish Language (Gaelic)
Irish Literature and Politics
Transatlantic Currents: Ireland and America in the Modern Era

Qualifying travel study credit may also be earned through participation in pre-approved programs offered through partner institutions. For more information, students should contact their academic advisor.

Legal Studies Minor

The legal studies minor is designed to prepare students in any major for law school. The minor emphasizes skills required for admission into law school and success once there.

Legal Studies Minor Requirements (15 credits)

HIST 3010	Constitutional History I (3 credits)
HIST 3020	Constitutional History II (3 credits)
LGST 4000	Legal Research and Trial Advocacy (3 credits)
PHIL 1400	Introduction to Logic (3 credits) *OR* PHIL 2400 Symbolic Logic (3 credits)
POLS 1010	American Government and Politics (3 credits)

Media Studies Minor

The media studies minor is designed to give students a critical overview of media in society, emphasizing theoretical perspectives on film, radio, television, print and broadcast journalism, and advertising. Students earning the B.A. degree in communication studies cannot also declare media studies as their minor.

Media Studies Minor Requirements (15 credits)
Students must complete 15 credits from the following list, nine credits of which must be at the 3000/4000 level:

COMM 2010	Introduction to Print Journalism (3 credits)
COMM 2020	Introduction to Broadcast Journalism (3 credits)
COMM 2100	Mass Media (3 credits)
COMM 3100	Gendered Images in Popular Culture (3 credits)
COMM 3110	Communication Theory (3 credits)
COMM 3500	Media Regulation (3 credits)
COMM 3600	Persuasion (3 credits)
COMM 4500	Media and Cultural Studies (3 credits)
COMM 4900	Special Topics in Communication (3 credits)
Maximum of six credit hours from:	
FILM 3040	Women and Film (3 credits)
FILM 3050	Literature and Film (3 credits)
FILM 3060	Film Noir (3 credits)
FILM 4000	History of Film (3 credits)
FILM 4500	Major Directors (3 credits)
FILM 4900	Special Topics in Film (3 credits)
PHIL 3010	Ethical Issues in Communication (3 credits)
SPCH 1010	Public Speaking (3 credits)
THEA 2025	Performance for Film and Television (3 credits)
THEA 2200	Voice and Articulation for Media and Stage (3 credits)

Medical Humanities Minor

The medical humanities minor is designed to give students an overview of the ways that the medical arts and sciences intersect and interact with various disciplines in the humanities, in such ways as art and medicine, bioethics, the history of medicine, literature and medicine, music and medicine, medicine in the performing arts, medicine and philosophy, and medicine and law.

Medical Humanities Minor Requirements (15 credits)
Students must complete 15 credits from the following list, nine credits of which must be at the 3000/4000 level:

HUMN 2200	Introduction to Medical Humanities (3 credits)
HUMN 4100	Death and Dying (3 credits)
LITR 3500	Literature and Medicine (3 credits)

PHIL 3180	Biomedical Ethics (3 credits)
PHIL 3220	Philosophy of Science (3 credits)
PSYC 2470	Loss, Grief, and Bereavement (3 credits)

Philosophy

The philosophy minor provides students with a broad overview of philosophical issues and problems, as well as reinforcing effective writing and analytical skills.

Philosophy Minor Requirements (15 credits)
Students must complete 15 credits in any philosophy (PHIL) courses, at least nine credits of which must be at the 3000/4000 level and no more than one of the following:

PHIL 2000/3010/3180/3200/3360

Public Relations Minor

The Public Relations minor offers students an opportunity to develop a sub-specialization in the area of public relations. Students pursuing this minor area of study will focus on communication theory and strategy as they pertain to the promotion and maintenance of organizational image management. Students earning the B.A. degree in communication studies cannot also declare public relations as their minor.

Public Relations Minor Requirements (15 credits)
Students must complete 15 credits in the following two areas, at least nine credits of which must be at the 3000/4000 level:

COMM 3110	Communication Theory (3 credits)
COMM 3200	Principles of Public Relations (3 credits)
COMM 4000	Writing for Public Relations (3 credits)

Select two courses:

COMM 2010	Introduction to Print Journalism (3 credits)
COMM 2200	Introduction to Broadcast Journalism (3 credits)
COMM 3500	Media Regulation (3 credits)
COMM 3600	Persuasion (3 credits)
PHIL 3010	Ethical Issues in Communication (3 credits)
SPCH 1010	Public Speaking (3 credits)
SPCH 3120	Speech Communication for the Professions (3 credits)
THEA 2200	Voice and Articulation for Media and Stage (3 credits)

Spanish Minor

The Spanish minor provides students with focused study in Spanish language and literature, as well as focused study of culture in Spanish-speaking countries around the world.

Spanish Minor Requirements (15 credits)
Students must complete 15 credits in any Spanish (SPAN) courses, nine credits of which must be at the 3000/4000 level.

Speech Communication Minor

The speech communication minor provides students with a focused study of spoken discourse, emphasizing both the theory and practice of speech communication. Students earning the B.A. degree in communication studies cannot also declare speech communications as their minor.

Speech Communication Minor Requirements (15 credits)
Students must complete 15 credits from the following list, nine credits of which must be at the 3000/4000 level:

COMM 2300	Intercultural Communication (3 credits)
COMM 3110	Communication Theory (3 credits)
COMM 3600	Persuasion (3 credits)
HUMN 3010	Communication Traditions (3 credits)
PHIL 3010	Ethical Issues in Communication (3 credits)
SPCH 1010	Public Speaking (3 credits)
SPCH 2000	Fundamentals of Human Communication (3 credits)
SPCH 2020	Argument and Debate (3 credits)
SPCH 3120	Speech Communication for the Professions (3 credits)
THEA 2025	Performance for Film and Television (3 credits)
THEA 2200	Voice and Articulation for Media and Stage (3 credits)

Theatre Minor

The theatre minor offers students an opportunity to experience the tradition and experience of the theatre. It serves as an excellent complement to many majors, including English, communication studies, and humanities. This minor will allow students to branch out from their subject of study and not only learn the tradition and techniques of the theatre, but also be better equipped to participate confidently in one or more of the co-curricular and extra-curricular experiences that will be generated by the theatre program.

Theatre Minor Requirements (15 credits)
Students must complete 15 credits from the following list, nine credits of which must be at the 3000/4000 level. THEA 2100 may be taken up to three times for a total of three credits.

Choose one of the following courses:

THEA 3200	Theatre History I (3 credits)
THEA 3250	Theatre History II (3 credits)

Choose four of the following courses:

COMM 3050	Performance Studies (3 credits)
THEA 2000	Voice and Movement (3 credits)
THEA 2020	Acting I (3 credits)
THEA 2025	Performance for Film and Television (3 credits)
THEA 2060	Technical Theatre (3 credits)
THEA 2100	Theatre Laboratory (1 credit each—must take three times)
THEA 2200	Vocal Articulation for Media and Stage (3 credits)
THEA 3020	Acting II (3 credits)
THEA 3050	Costuming and Makeup (3 credits)
THEA 3060	Scene Design (3 credits)
THEA 3070	Lighting and Stage Design (3 credits)
THEA 3500	Production and Stage Management (3 credits)
THEA 4020	Acting Styles (3 credits)
THEA 4100	Directing for the Stage (3 credits)
THEA 4900	Special Topics in Theatre (3 credits)
THEA 4950	Internship in Theatre (maximum of 3 credits)
THEA 4990	Independent Study in Theatre (1–3 credits)

Writing Minor

The writing minor provides a broad overview of various types of writing and reinforces techniques of analysis and expression. Students will learn how to write in various genres by reading models of published authors and participating in writing course workshops. The writing minor will focus on analytical and professional writing skills, as well as creative writing.

Writing Minor Requirements (15 credits)
Students must complete 15 credits from the following list, nine credits of which must be at the 3000/4000 level:

WRIT 2500	Introduction to Creative Writing (3 credits)
WRIT 3020	Poetry Workshop (3 credits)
WRIT 3030	Fiction Workshop (3 credits)
WRIT 3150	Business Writing (3 credits)
WRIT 3160	Scientific and Technical Writing (3 credits)
WRIT 4900	Special Topics in Writing (3 credits)

Division of Math, Science, and Technology

The Division of Math, Science, and Technology offers the bachelor of science degree in athletic training*, biology (premedical)*, computer information systems, computer science, environmental science/studies, and marine biology*. The division also administers computer engineering technology, computer studies, information technology, and biological and physical science concentrations for the college's interdisciplinary major in applied professional studies.

*These majors are available only to students enrolled in the Professional and Liberal Studies (PALS) Program (day students on campus).

Majors in Math, Science, and Technology

Athletic Training Major

The athletic training major is designed to prepare students to become competent allied health care professionals who specialize in injury and illness prevention, assessment, treatment, and rehabilitation for physically active people. The curriculum provides a balance between classroom instruction and clinical experience that prepares students to become competent allied health care professionals in clinics, colleges, universities, high schools, and other settings.

NSU's athletic training major, established in 2003, is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), effective March 2007. Athletic training students will graduate with a bachelor of science degree in athletic training and will be eligible to sit for the Board of Certification (BOC) examination. The athletic training major is designed to ensure that students who graduate from the program meet all requirements necessary to pass the BOC examination.

Athletic Training Program Goals

The athletic training program will:

1. Develop communication, critical thinking, and professional skills to prepare students for the allied health field of athletic training;
2. Meet the standards, guidelines, and requirements for accreditation and from governing organizations such as the National Trainers' Association (NATA), the Joint Review Committee-Athletic Training (JRC-AT) and the Commission on Accreditation of Athletic Training Education (CAATE);
3. Provide an effective and interactive learning environment as well as a solid educational foundation both in didactic and clinical experience settings. The program will utilize modern educational media and advanced technology regularly in the clinical and educational settings. It will expose students to hands-on experiences, clinical settings, and professionals representing a wide range of allied and medical health care professions. Students will receive clinical instruction by professionals representing other medical and allied health disciplines, such as medical doctors, physical therapists, physician assistants, occupational therapists, and osteopathic physicians;
4. Create an optimal learning community of faculty, clinical athletic trainers, and students that will provide quality health care for NSU's NCAA Division II intercollegiate athletic programs and varied affiliated sites at all levels of sport, from grade school to professional sports teams;
5. Prepare program students to attain graduate or professional school placement, or entry-level employment within six months of graduating from the program. Additionally, program graduates will obtain state licensure and other necessary professional designations from the appropriate regulatory agencies in the states where they will be employed.

Athletic Training Learning Outcomes

A successful athletic training graduate is expected to:

1. Demonstrate the ability to prevent, evaluate, treat, rehabilitate, and document athletic related injuries in the of field of athletic training;
2. Analyze and comprehend the physical, psychological, and emotional demands of physically active individuals and the sports medicine professionals involved in their care;
3. Develop the effective communication skills necessary for a successful allied health care career in athletic training;
4. Illustrate and differentiate the ethical practices as it relates to athlete/patient care.

Athletic Training Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Athletic Training Major Requirements (53 credits)
During the athletic training program's first two semesters, the pre-professional year, students must successfully complete all introductory coursework: ATTR 1100 Introduction to Athletic Training, ATTR 1200 Principles of Athletic Training, and ATTR 1300 Emergency Care. During the pre-professional year, students are also required to spend 100 hours observing certified athletic trainers in a variety of settings.

Core Courses (53 credits)

ATTR 1100	Introduction to Athletic Training (1 credit)
ATTR 1200	Principles of Athletic Training (3 credits)
ATTR 1300	Emergency Care (3 credits)
ATTR 1400	Health and Fitness (3 credits)
ATTR 2100	Injury Evaluation I /Lab (3 credits)
ATTR 2200	Injury Evaluation II /Lab (3 credits)
ATTR 2210	Clinical Experiences in Athletic Training I (1 credit)
ATTR 2220	Clinical Experiences in Athletic Training II (1 credit)
ATTR 2300	Sports Nutrition (3 credits)
ATTR 2400	Strength and Conditioning (2 credits)
ATTR 3100	General Medicine in Sport (3 credits)
ATTR 3230	Clinical Experiences in Athletic Training III (1 credit)
ATTR 3240	Clinical Experiences in Athletic Training IV (1 credit)
ATTR 3300	Therapeutic Modalities/Lab (4 credits)
ATTR 3500	Rehabilitation of Athletic Injury and Laboratory (4 credits)
ATTR 4100	Athletic Training Administration (3 credits)
BIOL 1400	Introductory Cell Biology (3 credits)
BIOL 3312	Human Anatomy and Physiology /Lab (5 credits)
BIOL 3700	Kinesiology (3 credits)
BIOL 3710	Exercise Physiology (3 credits)

Major Electives (optional)

ATTR 4300	Applied Research in Athletic Training (3 credits)
ATTR 4950	Internship in Athletic Training (3 credits)

The Athletic Training Major Phases

Students admitted into the athletic training major must first complete the pre-professional (Level I) phase of the Athletic Training Education Program (ATEP). The pre-professional phase includes successful completion of six courses: ATTR 1100 (Introduction to Athletic Training), ATTR 1200 (Principles of Athletic Training), ATTR 1400 (Health & Fitness), ATTR 1300 (Emergency Care), BIOL 1400 (Introduction to Cell Biology) or equivalent, and BIOL 3312 (Anatomy and Physiology) or equivalent. In addition, each student must complete a minimum number of clinical experience hours as part of the ATTR 1100 and ATTR 1200 courses observing ATEP Approved Clinical Instructors (i.e., Certified Athletic Trainers, Physical Therapists) in a variety of settings.

After successfully completing all Level I requirements as listed below, students will be eligible to enter the professional phase of the ATEP. Transfer students are eligible for this major but must complete all program requirements (Level I–III) at Nova Southeastern University for degree completion. There are additional opportunities for the Level IV student to complete an internship, in the area of Sports Medicine.

The NSU Athletic Training Education Program is nationally accredited by the Commission on Accreditation of Athletic Training Education (CAATE). Upon the completion of this program, students will be eligible to sit for the Board of Certification (BOC) examination to become a Certified Athletic Trainer (ATC).

Level I (Pre-Professional Phase) Completion Requirements:

1. Successful completion of ATTR 1100, ATTR 1200, ATTR 1300, ATTR 1400, BIOL 1400, and BIOL 3312 with lab.
2. Complete the Athletic Training Student Portfolio; sign the Technical Standards and comply with other accreditation documents as part of ATTR 1100 and ATTR 1200 course requirements.
3. Complete 100 clinical observation hours, supervised by an Approved Clinical Instructor as required by ATTR 1100 and ATTR 1200.

Level II (Professional Phase) Completion Requirements:

1. Successful completion of ATTR 2100, ATTR 2200, ATTR 2210, ATTR 2220, ATTR 2300, ATTR 2400, and ATTR 3300 with lab.
2. First Aid and CPR for the Professional Rescuer (or equivalent) certifications, as required for clinical experience hours.
3. Complete a minimum of 300 clinical experience hours, supervised by an Approved Clinical Instructor as part of both ATTR 2210 and ATTR 2220 course requirements.

Level III (Professional Phase) Completion Requirements:

1. Successful completion of ATTR 3100, ATTR 3230, ATTR 3240, ATTR 4100, ATTR 3500 with lab, BIOL 3700, and BIOL 3710.
2. Maintain First Aid and CPR for the Professional Rescuer (or equivalent) certifications, as required for clinical experience hours.
3. Complete a minimum of 400 clinical experience hours, supervised by an Approved Clinical Instructor, as required by ATTR 3230 and ATTR 3240.

Level IV (Completion Phase) Completion Requirements:

1. Maintain First Aid and CPR for the Professional Rescuer (or equivalent) certifications.
2. Students will be eligible for an elective (ATTR 4300) and an optional Internship (ATTR 4950) that will be supervised by an Athletic Training Faculty Member at an assigned clinical site off campus to be determined by the student.
3. Complete the Degree requirements as outlined by the Nova Southeastern University Undergraduate Student Catalog and register for the Board of Certification Examination (BOC).

Biology (Premedical) Major

The biology major, with a premedical emphasis, provides a strong curriculum in biology with significant study in the physical sciences. This major can provide the basis for graduate study in specialized fields of biology, for professional training in medical fields, and for teaching. Professional careers in the medical fields and in biology involve graduate study beyond the baccalaureate degree; therefore, both the core and the major have been designed to meet the admission requirements of many medical, dental, pharmacy, optometry, allied health, and veterinary schools, and of schools for graduate study in the biological sciences. Dual admission and combined programs with the Nova Southeastern University Health Professions Division are available for select, qualified students. Information on these programs can be obtained from the Office of Undergraduate Admissions.

Biology Major Learning Outcomes

A successful biology graduate is expected to:

1. Demonstrate a working knowledge of the scientific method;
2. Demonstrate essential knowledge of biological sciences;
3. Demonstrate essential knowledge of physical sciences as they relate to the biological sciences;
4. Use mathematics to solve scientific problems and evaluate research data;
5. Demonstrate the ability to use standard laboratory and research techniques to collect and assess data;
6. Demonstrate an ability to synthesize and integrate biological principles with contemporary issues.

Biology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Biology Major Requirements (65-69 credits)

Core Courses (45–49 credits)
BIOL 1500 Biology I/Lab (4 credits)
BIOL 1510 Biology II/Lab (4 credits)
BIOL 3600 Genetics/Lab (4 credits)
CHEM 1300 General Chemistry I/Lab (4 credits)
CHEM 1310 General Chemistry II/Lab (4 credits)
CHEM 2400 Organic Chemistry I/Lab (4 credits)
CHEM 2410 Organic Chemistry II/Lab (4 credits)
OR CHEM 2200 Essentials of Organic Chemistry (4 credits) may be taken in place of Organic Chemistry I and II (8 credits)
One 2000-level LITR course (3 credits) *OR* LITR 3500 Literature and Medicine (3 credits)
MATH 2100 Calculus I (4 credits)
MATH 3020 Applied Statistics (3 credits)
One 3000-level PHIL course from the following list:
PHIL 3010 Ethical Issues in Communication (3 credits)
PHIL 3180 Biomedical Ethics (3 credits)
PHIL 3200 Ethics and Sport (3 credits)
PHIL 3220 Philosophy of Science (3 credits)
PHIL 3360 Environmental Ethics (3 credits)
PHYS 2350 Physics I/Lab (4 credits)
PHYS 2360 Physics II/Lab (4 credits)

Major Electives (20 credits)
BIOL 2600 Medical Terminology (3 credits)
BIOL 3200 General Ecology/Lab (4 credits)

BIOL 3300 Invertebrate Zoology/Lab (4 credits)
BIOL 3312 Human Anatomy and Physiology/Lab (5 credits) OR BIOL 3320 Anatomy and Physiology I/Lab (4 credits)
BIOL 3330 Anatomy and Physiology II/Lab (4 credits)
BIOL 3400 Microbiology/Lab (4 credits)
BIOL 3700 Kinesiology (3 credits)
BIOL 3710 Exercise Physiology (3 credits)
BIOL 3800 Evolution (3 credits)
BIOL 4200 Neurobiology (3 credits)
BIOL 4300 Microbial Pathogenesis (3 credits)
BIOL 4340 Cellular and Molecular Biology (3 credits)
BIOL 4360 Immunology (3 credits)
BIOL 4380 Discovering Genomics, Proteomics, and Bioinformatics (3 credits)
BIOL 4390 Advanced Experimental Molecular Biology (3 credits)
BIOL 4400 Developmental Biology (3 credits)
BIOL 4450 Biochemistry/Lab (4 credits)
MATH 2001 Introduction to Mathematical Models in Biology (3 credits)
MBIO 2410 Marine Biology and Lab (4 credits)
MBIO 3700 Biology of Fishes/Lab (4 credits)

Pre-Health Professions

Health professional schools often require specific courses in addition to those in the biology major. As minimum academic requirements vary by program and by school, the Farquhar College of Arts and Sciences does not prescribe specializations for students to complete. Instead, students may use the Nova Southeastern University Health Profession Division program requirements as a general guide to determine graduate school prerequisites. For admission into NSU's health profession programs, students must achieve a C or higher in all coursework within that specialization. Requirements may vary and specific graduate programs may call for additional courses in writing, math, social and behavioral sciences, and the humanities.

Students are strongly encouraged to consult faculty members and academic advisors to discuss their curriculum plan. In addition, it is recommended that students review Web sites of those professional schools for which an application is being considered. This review should take place early and often during the academic course of study.

Listed below are Web site links to the entrance requirements of NSU's health professional programs:

Pre-Health Professions	Prerequisites and Admission Requirements Web Links
Pre-Med	*http://medicine.nova.edu/admiss/admissreq.html*
Pre-Dental	*http://dental.nova.edu/doctoral.html*
Pre-Optometry	*http://optometry.nova.edu/admissions/admissions.html*
Pre-Pharmacy	*http://pharmacy.nova.edu/NewWebsite/Admissions1.html*
Pre-Physical Therapy	*http://www.nova.edu/pt/dpt/admissionreq.html*
Pre-Physician Assistant	*http://www.nova.edu/pa/admissions/index.html*
Pre-Nursing	*http://www.nova.edu/nursing/entry/course_requirements.html*

Computer Information Systems Major

The computer information systems (CIS) major prepares the student for a career in the fields of business and information technology as an information systems specialist, Web developer, multimedia designer, or network specialist. Emphasis is placed on programming languages, data structures, distributed data processing, multimedia database systems, database management, networks and data communications, and information systems organization. The CIS curriculum is consistent with recommendations outlined by the Association for Computing Machinery (ACM); it provides a balance between fundamental computer information systems concepts and the application of those concepts from a future-oriented perspective.

Computer Information Systems Learning Outcomes

A successful computer information systems graduate is expected to:

1. Demonstrate understanding of the field of computer information systems, both as an academic discipline and as a profession within the context of society;
2. Demonstrate understanding of the theoretical foundations of the field of computer information systems
3. Demonstrate knowledge of the essential elements of computer information systems;
4. Apply knowledge of computing and information systems to specific problems and produce solutions;
5. Demonstrate an appreciation for the ethical and societal issues associated with the computing field;
6. Demonstrate the capability for staying current and, more generally, for achieving ongoing self-education in the information systems discipline;
7. Use current programming languages, software development tools, software systems, database systems, multimedia systems, and commonplace computing platforms.

Computer Information Systems Curriculum

All CIS students are encouraged to select minors, concentrations, or other special programs outside the CIS major.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Computer Information Systems Major Requirements (54 credits)

Major Prerequisites (6 credits)
MATH 2080 Applied Calculus (3 credits)
MATH 3020 Applied Statistics (3 credits)
Note: These two courses may fulfill the General Education six credits math requirements.

Core Courses (44 credits)
CSIS 1400 Discrete Mathematics (3 credits)
CSIS 1800 Introduction to Computer and Information Sciences (3 credits)
CSIS 1900 Computer Programming I (4 credits)
CSIS 2000 Introduction to Database Systems (3 credits)
CSIS 2410 Assemblers and Assembly Language Programming (4 credits)
CSIS 2950 Computer Programming II (4 credits)
CSIS 3020 Web Programming and Design (3 credits)
CSIS 3400 Data Structures (4 credits)
CSIS 3500 Networks and Data Communication (3 credits)
CSIS 3750 Software Engineering (4 credits)
CSIS 3810 Operating Systems Concepts (3 credits)
CSIS 4530 Database Management (3 credits)
CSIS 4900 Directed Project (3 credits) OR CSIS 4950 Internship in Computer Science and Information Systems (3 credits only) *

Major Electives (10 credits)
Select 10 credits from the following courses:

CSIS 3200	Organization of Programming Language (3 credits)
CSIS 4030	Information Security Technologies (3 credits)
CSIS 4310	Distributed Data Processing (4 credits)
CSIS 4500	Network Security (3 credits)
CSIS 4650	Computer Graphics (3 credits)
CSIS 4840	Unix Operating System Environment (3 credits)
CSIS 4890	Special Topics in Computer Information Systems (3 credits)
CSIS 4900	Directed Project (3–8 credits) *
CSIS 4950	Internship in Computer Science and Information Systems (1–12 credits) *
TECH 3000	Multimedia Design (3 credits)

* The credits counted towards core courses cannot be counted toward electives.

Computer Science Major

The computer science (CS) major deals with the systematic study of algorithms and data structures. The CS curriculum is consistent with recommendations outlined by the Association for Computing Machinery (ACM) and emphasizes laboratory experience as a major component of courses. By integrating theory, abstraction, and design, the curriculum bridges the gap between hardware and software issues. The program provides students with an opportunity to gain in-depth, rigorous instruction in the following nine areas of computer science (as specified by the national ACM/IEEE Joint Curriculum Task Force): algorithms and data structures, architecture, artificial intelligence and robotics, database and information retrieval, human-computer communication, numerical and symbolic computation, operating systems, programming languages, and software methodology and engineering.

Computer Science Learning Outcomes

A successful computer science graduate is expected to:

1. Demonstrate understanding of the field of computing, both as an academic discipline and as a profession within the context of society;
2. Demonstrate understanding of the theoretical foundations of the field of computing;
3. Demonstrate knowledge of the essential elements of computer information systems and computer science;
4. Apply knowledge of computing and information systems to specific problems and produce solutions;
5. Demonstrate an appreciation for the ethical and societal issues associated with the computing field;
6. Demonstrate the capability for staying current and, more generally, for achieving ongoing self-education in the computing discipline;
7. Use current programming languages, software development tools, software systems, database systems, multimedia systems, and commonplace computing platforms.

Computer Science Curriculum

All computer science students are encouraged to select minors, concentrations, or other special programs outside the computer science major.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Computer Science Major Requirements (54 credits)

Major Prerequisites (19 credits)

MATH 2100	Calculus I (4 credits)
MATH 2200	Calculus II (4 credits)
MATH 3020	Applied Statistics (3 credits)
PHYS 2400	Physics I/Lab (4 credits)
PHYS 2500	Physics II/Lab (4 credits)

Note: These courses may fulfill the General Education six credits of math/science requirements.

Core Courses (42 credits)

CSIS 1400	Discrete Mathematics (3 credits)
CSIS 1800	Introduction to Computer and Information Sciences (3 credits)
CSIS 1900	Computer Programming I (4 credits)
CSIS 2410	Assemblers and Assembly Language Programming (4 credits)
CSIS 2950	Computer Programming II (4 credits)
CSIS 3400	Data Structures (4 credits)
CSIS 3500	Networks and Data Communication (3 credits)
CSIS 3750	Software Engineering (4 credits)
CSIS 3810	Operating Systems Concepts (3 credits)
CSIS 4050	Computer Architecture (3 credits)
CSIS 4600	Systems Programming (4 credits)
CSIS 4610	Design and Analysis of Algorithms (3 credits)

Major Electives (12 credits)

Select 12 credits from the following courses:

CSIS 3020	Web Programming and Design (3 credits)
CSIS 3060	Digital Design (3 credits)
CSIS 3110	Foundations of Computer Science (4 credits)
CSIS 3530	Artificial Intelligence (3 credits)
CSIS 3610	Numerical Analysis (3 credits)
CSIS 4310	Distributed Data Processing (4 credits)
CSIS 4350	Robotics (3 credits)
CSIS 4530	Database Management (3 credits)
CSIS 4650	Computer Graphics (3 credits)
CSIS 4800	Introduction to Compilers and Interpreters (3 credits)
CSIS 4840	Unix Operating System Environment (3 credits)
CSIS 4880	Special Topics in Computer Science (3 credits)
CSIS 4900	Directed Project (3–8 credits)
CSIS 4950	Internship in Computer Science and Information Systems (1–12 credits)
MATH 4500	Probability and Statistics (3 credits)

Environmental Science/Studies Major

Students who wish to major in environmental science/studies must select one of two degree tracks. The program is designed so students will share a common set of courses in their freshman year to ensure that all students gain an overview of the subject. Upon entering their sophomore year, students will be required to select a specific program of study. Both programs are designed to be completed within a four-year period. A practicum/internship in the eighth semester is required of all students.

Track One: Environmental Science

An earth systems foundation providing comprehensive knowledge of Earth's physical, chemical, and biotic systems. Students may qualify to enroll in a dual admission program with NSU's Oceanographic Center to earn a master's degree in marine environmental science and should refer to the *Dual Admission Program* section of this catalog for further information and admission requirements.

Track Two: Environmental Studies
The Environmental Studies track emphasizes both science and society. It is a program with an emphasis on social issues and how humanity impacts the environment. This track examines the applied side of environmental science and, specifically, incorporates five -studies" areas: sustainability, marine biology, ecotourism, public health, and natural history.

In both tracks, students must complete an internship of six credits and a three credit Special Topics field course.

Environmental Science/Studies Learning Outcomes

A successful environmental sciences/studies graduate is expected to:

1. Demonstrate a working knowledge of the scientific method so as to identify, evaluate, and recommend solutions to environmental problems;
2. Communicate concisely and clearly through public speaking, the publishing of written articles, the construction and maintenance of a website, and photographic documentation either through photography or videography;
3. Formulate strategies to maximize the responsible use of technology as it applies to issues within environmental science;
4. Identify legal issues relating to environmental science;
5. Apply concepts of environmental science to lifetime vocational aspirations;
6. Demonstrate a behavior of environmental awareness and interest in environmental issues of South Florida;
7. Apply knowledge from the fields of biology, botany, and physical sciences to environmental science;
8. Identify the principles of environmental ethics;
9. Identify concepts relating to the future of environmentalism.

Environmental Science/Studies Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Environmental Science/Studies Major Requirements (56 or 52 credits)

Core Courses (24 credits)
ENVS 1100 Environmental Science I (3 credits)
ENVS 1200 Environmental Science II (3 credits)
ENVS 3100 Environmental Issues (3 credits)
ENVS 4300 Industrial Ecology (3 credits)
GEOG 2050 Survey of Geography (3 credits)
GEOG 2260 Geography of Natural Resources (3 credits)
LGST 3350 Environmental Law and Policy (3 credits)
PHIL 3360 Environmental Ethics (3 credits)

Field Course Elective (3 credits)
Select three credits from the following courses:
GEOG 2900 Special Topics in Geography (1–3 credits)
GEOG 3010 Amazonia Cloud Forest Biogeography (3 credits)
GEOG 4900 Advanced Special Topics in Geography (1–3 credits)

Practicum (6 credits)
ENVS 4950 Internship in Environmental Science/Study (two 8 week/3 credit units)

Major Tracks (23 or 19 credits)
Select one of the following tracks:

Track One: Environmental Science (23 credits)

BIOL 3200	General Ecology/Lab (4 credits)
BIOL 3400	Microbiology/Lab (4 credits)
CHEM 1300	General Chemistry I/Lab (4 credits)
CHEM 1310	General Chemistry II/Lab (4 credits)
CHEM 2200	Essentials of Organic Chemistry (4 credits)
CHEM 2600	Environmental Chemistry (3 credits)
ENVS 3170	Everglades Ecology and Conversation (3 credits)

Track Two: Environmental Studies (19 credits)

BIOL 1100	Concepts and Connections in Biology (3 credits) *OR* BIOL 1400 Introduction to Cellular Biology (3 credits)
BIOL 2250	The Natural History of John U. Lloyd Beach State Park (3 credits)
CHEM 1500	Introduction to Environmental Chemistry (3 credits)
ENVS 3101	Introduction to Public Health (3 credits)
ENVS 3170	Everglades Ecology and Conversation (3 credits)
GEOG 3000	Geography of Ecotourism (3 credits)
MBIO 2410	Marine Biology and Lab (4 credits)

Marine Biology Major

The marine biology major is designed to prepare students for a career or further graduate study. The curriculum consists of a set of core courses in the biological and physical sciences, leading to a degree that is designed as a solid basis for entering the field of marine biology, as well as preparation for further graduate study in this area. A dual admission combined bachelor's-master's program with the Oceanographic Center is available for select, qualified students. Information on this program can be obtained from the undergraduate Office of Undergraduate Admissions.

Marine Biology Learning Outcomes

A successful marine biology graduate is expected to:

1. Understand basic scientific principles and methods;
2. Understand basic biology that incorporates more specific knowledge of marine organisms and habitats;
3. Appreciate the work of scientists who have contributed to marine biology and oceanography;
4. Demonstrate knowledge about the global variety of marine community types and their relationships with each other and terrestrial systems;
5. Demonstrate a detailed understanding of local marine flora and fauna and community types;
6. Demonstrate a working understanding of the wide variety of marine organisms from the phylogenetic, physiological, zoogeographical and ecological perspectives;
7. Understand anthropogenic threats to marine species diversity and marine ecosystem structure;
8. Understand the physical and chemical structure of the world‘s oceans;
9. Demonstrate skills in statistical analysis and interpretation, specifically pertaining to science and marine biology;
10. Demonstrate technical skills related to the use of computer programs such as MS Word, Excel, and PowerPoint;
11. Demonstrate oral presentation skills.

Marine Biology Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Marine Biology Major Requirements (55–61 credits)

Core Courses (36 credits)

BIOL 3200	General Ecology/Lab (4 credits)
BIOL 3300	Invertebrate Zoology/Lab (4 credits)
BIOL 3600	Genetics/Lab (4 credits)
CHEM 1300	General Chemistry I/Lab (4 credits)
CHEM 1310	General Chemistry II/Lab (4 credits)
MBIO 2410	Marine Biology and Lab (4 credits)
MBIO 2500	Oceanography/Lab (4 credits)
PHYS 2350	General Physics I/Lab (4 credits)
PHYS 2360	General Physics II/Lab (4 credits)

Major Grouped Electives (19–25 credits)

Group I: Classroom based (6–8 credits)

Select six–eight credits from the following courses:

BIOL 2250	The Natural History of John U. Lloyd Beach State Park (3 credits)
BIOL 3320	Anatomy and Physiology I/Lab (4 credits)
BIOL 3330	Anatomy and Physiology II/Lab (4 credits)
BIOL 3400	Microbiology/Lab (4 credits)
BIOL 4340	Cellular and Molecular Biology (3 credits)
BIOL 4450	Biochemistry/Lab (4 credits)
CHEM 2200	Essentials of Organic Chemistry (4 credits)
SCIE 3210	History of Science (3 credits)

Any TECH/CSIS course (3 credits)

Group II: Required field component (7–9 credits)

Select seven–nine credits from the following courses:

MBIO 3350	Gulf Stream Ecology (3 credits)
MBIO 3650	Marine Vertebrates (3 credits)
MBIO 3700	Biology of Fishes/Lab (4 credits)
MBIO 3750	Coral Reefs and Coral Communities (3 credits)
MBIO 3900	Special Topics in Marine Science (3 credits)
SCIE 4490	Research Methods (3 credits)

Group III: Lab or field based (6–8 credits)

Select six–eight credits from the following courses:

BIOL 2950	Field Study at John U. Lloyd Beach State Park (3 credits)
ENVS 3170	Everglades Ecology and Conservation (3 credits)
MBIO 2910	Introductory Marine Biology Field Topics (1–3 credits)
MBIO 4220	Ecology of the Great Barrier Reef (3 credits) <u>*AND*</u> MBIO 4221 Ecology of the Great Barrier Reef Field Trip (1 credit) Both of these classes must be taken for Group III credit.
MBIO 4230	Belize Reef Ecology (3 credits)
MBIO 4260	Ecology of the Galapagos Islands (3 credits) <u>*AND*</u> MBIO 4261 Ecology of the Galapagos Islands Field Trip (1 credit) Both of these classes must be taken for Group III credit.
MBIO 4350	The Biology and Ecology of the Manatee (3 credits)
MBIO 4910	Advanced Marine Biology Field Topics (1–3 credits)
SCIE 4990	Independent Study in Science (1–12 credits)

Minors in Math, Science, and Technology

Applied Statistics Minor

Statistical methods are widely used in science, social and behavioral sciences, business, health professions, and industry. The applied statistics minor is appropriate for all NSU students with interests in experimental design, data analysis, or statistical modeling. The minor is designed to enable a student to properly design studies and analyze the resulting data, and to evaluate statistical methods used in marketing research, biological models, social studies, or their field of study. The applied statistics minor consists of 15 credit hours at the 3000 level or above.

Applied Statistics Minor Requirements (15 credits)

MATH 3030	Applied Statistics II (3 credits)
MATH 3300	Introductory Linear Algebra (3 credits)
MATH 4020	Applied Regression Analysis (3 credits)
MATH 4040	Applied Multivariate Statistical Analysis (3 credits)
MATH 4080	Introduction to Statistical Computations (3 credits)

Bioinformatics Minor

Bioinformatics is a new scientific discipline that merges biology, computer science, mathematics, and other areas into a broad-based field that has profound impacts on all fields of biology. It is the comprehensive application of mathematics (e.g., probability and statistics), science (e.g., biochemistry), and a core set of problem-solving methods (e.g., computer algorithms) to the understanding of living systems. The bioinformatics minor provides foundational study in this emerging field of study.

Bioinformatics Minor Requirements (16 credits)

BIOL 3600	Genetics/Lab (4 credits)
BIOL 4380	Discovering Genomics, Proteomics, and Bioinformatics (3 credits)
BIOL 4390	Advanced Experimental Molecular Biology (3 credits)
CSIS 3600	Computational Algorithms in Bioinformatics (3 credits)
MATH 2001	Introduction to Mathematical Models in Biology I (3 credits)

Chemistry Minor

The fundamental role that chemistry plays in medicine, pharmacy, and the environment can be further explored in the chemistry minor. Basic, clinical, and field research in these disciplines all involve the application of chemical principles and techniques. The minor offers advanced courses in chemistry expanding on the base provided by general and organic chemistry. Cross disciplinary in its approach, the chemistry minor complements the student's major area of study.

Chemistry Minor Requirements (18 credits)
Select 18 credits from the following courses:

BIOL 4450	Biochemistry/Lab (4 credits)
CHEM 2200	Essentials of Organic Chemistry (4 credits)*
CHEM 2250	Bio-organic Chemistry/Lab (4 credits)
CHEM 2400	Organic Chemistry I/Lab (4 credits)
CHEM 2410	Organic Chemistry II/Lab (4 credits)
CHEM 2600	Environmental Chemistry (3 credits)
CHEM 3600	Geochemistry (3 credits)
CHEM 4100	Chemical Analysis (3 credits)
CHEM 4200	Plant Drug Analysis (3 credits)
CHEM 4300	Clinical Chemistry (3 credits)

CHEM 4900 Special Topics in Chemistry (1-3 credits)
CHEM 4990 Independent Study in Chemistry (1–12 credits)

* CHEM 2200 will not be included in the 18 credit requirements when CHEM 2400 or CHEM 2410 is included.

Computer Information Systems Minor

The computer information systems minor is intended for students in any major who wish to acquire more knowledge in programming, database systems, Web programming, and networking.

Computer Information Systems Minor Requirements (17 credits)

CSIS 1900 Computer Programming I (4 credits)
CSIS 2000 Introduction to Database Systems (3 credits)
CSIS 2950 Computer Programming II (4 credits)
CSIS 3020 Web Programming and Design (3 credits)
CSIS 3500 Networks and Data Communication (3 credits)

Information Assurance/Security Minor

The information assurance/security minor is intended for students in any major who wish to acquire more knowledge about computer and network security infrastructures and software. Topics covered include general surveys of computer and information security technologies, legal and ethical aspects of computer security, and related data structures and operating systems.

Information Assurance/Security Minor Requirements (16 credits)

CSIS 3023 Legal and Ethical Aspects of Computing (3 credits)
CSIS 3400 Data Structures (4 credits)
CSIS 3810 Operating System Concepts (3 credits)
CSIS 4010 Computer Security (3 credits)
CSIS 4030 Information Security Technologies (3 credits)

Information Technology Minor

The information technology minor is intended for students in any major who wish to achieve knowledge in information technology. The tech courses in the minor are designed for students to tailor content and focus activities to their own area of study or interest. Students must complete 18 hours in this curriculum: twelve hours of required technology courses, three hours selected from the menu of approved courses, and three hours in a directed technology project in the area of their choice. The directed research course is taken last and involves original research and/or technology implementation. A generic template appropriate for TECH 4900 in any topic area is available from the division director.

Information Technology Minor Requirements (18 credits)

Core Courses (12 credits)
TECH 1110 Technology in the Information Age (or competency) (3 credits)
TECH 2000 Computer Technology: Impact and Implications (3 credits)
TECH 2150 Introduction to Internet Resources (3 credits)
TECH 3000 Multimedia Design (3 credits)

Minor Elective (3 credits)
Select one of the following courses:
TECH 3010 Principles of Web Design (3 credits)
TECH 3520 Emerging Technology in Education (3 credits)
TECH 3530 Multimedia Technology for Educators (3 credits)

TECH 4050 Business Data Communication (3 credits)
TECH 4510 Utilizing Technology to Develop Curriculum (3 credits)

Minor Directed Project (3 credits)
Select one of the following courses:
CSIS 4900 Directed Project (3–8 credits)
TECH 4900 Directed Project (1–12 credits)

Marine Biology Minor

The marine biology minor focuses on the life processes of marine organisms and is intended for students interested in the field as a complement to their major curriculum. Biology majors can take the marine biology minor with no additional prerequisites outside of those required for the biology major. Students in other majors who have taken the appropriate prerequisites may also pursue this minor. This minor is available to PALS (day) students only.

Marine Biology Minor Requirements (17 credits)

Core Courses (8 credits)
MBIO 2410 Marine Biology and Lab (4 credits)
MBIO 2500 Oceanography/Lab (4 credits)

Minor Electives (9 credits)
Select nine credits from the following courses:
BIOL 3200 General Ecology/Lab (4 credits)
BIOL 3300 Invertebrate Zoology/Lab (4 credits)
MBIO 2910 Introduction to Marine Biology Field Topics (1–3 credits)
MBIO 3350 Gulf Stream Ecology (3 credits)
MBIO 3650 Marine Vertebrates (3 credits)
MBIO 3700 Biology of Fishes/Lab (4 credits)
MBIO 3750 Coral Reefs and Coral Communities (3 credits)
MBIO 3800 The Biology of Sharks and Rays (3 credits)
MBIO 3900 Special Topics in Marine Science (3 credits)
MBIO 4220 Ecology of the Great Barrier Reef (3 credits)
MBIO 4221 Ecology of the Great Barrier Reef Field Trip (1 credit)
MBIO 4230 Belize Reef Ecology (3 credits)
MBIO 4260 Ecology of the Galapagos Islands (3 credits)
MBIO 4261 Ecology of the Galapagos Islands Field Trip (1 credit)
MBIO 4350 The Biology and Ecology of the Manatee (3 credits)
MBIO 4910 Advanced Marine Biology Field Topics (1–3 credits)
SCIE 4490 Research Methods (3 credits)

Marine Ecology Minor

The marine ecology minor focuses on the interactions among marine organisms and the relationships between these organisms and their environment. This minor is intended for marine biology majors who want more specific training in marine ecological science. Students in other majors who meet the prerequisites may also pursue this minor. This minor is available to PALS (day) students only.

Marine Ecology Minor Requirements (15 credits)
Select 15 credits from the following courses:

MBIO 2910 Introductory Marine Biology Field Topics (1–3 credits)
MBIO 3350 Gulf Stream Ecology (3 credits)
MBIO 3700 Biology of Fishes/Lab (4 credits)
MBIO 3750 Coral Reefs and Coral Communities (3 credits)
MBIO 4220 Ecology of the Great Barrier Reef (3 credits)
MBIO 4221 Ecology of the Great Barrier Reef Field Trip (1 credit)

MBIO 4230	Belize Reef Ecology (3 credits)
MBIO 4260	Ecology of the Galapagos Islands (3 credits)
MBIO 4261	Ecology of the Galapagos Islands Field Trip (1 credit)
MBIO 4350	The Biology and Ecology of the Manatee (3 credits)
MBIO 4910	Advanced Marine Biology Field Topics (1–3 credits)

Marine Microbiology Minor

The marine microbiology minor is intended for the marine biology major who wants specialized training in this field. The science of microorganisms in the marine environment has become increasingly valuable in biotechnology and the development of pharmaceutical products. Students in other majors who meet the prerequisites may also pursue this minor. The minor is available to PALS (day) students only.

Marine Microbiology Minor Requirements (15 credits)
Select 15 credits from the following courses:

BIOL 3400	Microbiology/Lab (4 credits)
BIOL 4340	Cellular and Molecular Biology (3 credits)
BIOL 4450	Biochemistry/Lab (4 credits)
CHEM 2200	Essentials of Organic Chemistry (4 credits)
MBIO 2910	Introductory Marine Biology Field Topics (1–3 credits)
MBIO 4910	Advanced Marine Biology Field Topics (1–3 credits)

Mathematics Minor

The minor in mathematics is open to all students. Students with majors in the sciences are particularly encouraged to pursue the minor.

Mathematics Minor Requirements (17 credits)

MATH 2100	Calculus I (4 credits)
MATH 2200	Calculus II (4 credits)
MATH 3100	Differential Equations (3 credits)
MATH 3300	Introductory Linear Algebra (3 credits)
MATH 3350	Number Theory (3 credits)

Physics Minor

The physics minor is intended to provide these students with a basic background in physics and related mathematical methods. A knowledge of physics is useful for students in fields that range from biology and medicine to computer science, as well as being essential for education majors who intend to teach physical sciences in high school. All students in the minor must take a core of required courses in mechanics, electromagnetism, and modern physics. The remainder of the minor then consists of a set of additional physics and mathematics courses chosen by the student, so that the minor can be tailored to the needs and interests of the individual student. The physics minor consists of 18 credit hours at the 3000 level or above. Only three hours may be applied to the major. The minor may include up to three hours of independent study, up to three hours of special topics, and up to three hours of mathematics.

Physics Minor Requirements (18 credits)

Core Courses (12 credits)

PHYS 3500	Introduction to Mechanics (3 credits)
PHYS 3600	Introduction to Electromagnetic Fields (3 credits)
PHYS 3700	Introduction to Modern Physics (3 credits)
PHYS 3750	Modern Physics II (3 credits)

Minor Electives (6 credits)
Select six credits from the following courses:

PHYS 3100	Introduction to Biophysics (3 credits)
PHYS 3300	Fundamentals of Optics (3 credits)
PHYS 3800	Introduction to Elementary Particle Physics (3 credits)
PHYS 4900	Special Topics in Physics (1–3 credits)
PHYS 4990	Independent Study in Physics (1–12 credits)
MATH 3100	Differential Equations (3 credits)
MATH 3300	Introductory Linear Algebra (3 credits)
MATH 4050	Advanced Calculus I (3 credits)
MATH 4060	Advanced Calculus II (3 credits)

Public Health Minor

The public health minor focuses on maintaining a healthy society through the control of disease, education about health and disease prevention, and organized efforts to preserve healthy environments. This minor is intended for students in the environmental science/studies major as well as for students in other majors who want to learn about the public health field. This minor is available to both PALS (day) and Career (evening) students.

Public Health Minor Requirements (18 credits)

BIOL 2400	Applied Microbiology (3 credits)
ENVS 3101	Introduction to Public Health (3 credits)
ENVS 3201	Environment, Culture, Ethnicity, and Health (3 credits)
ENVS 4002	Health Promotion and Disease Prevention (3 credits)
ENVS 4210	Environmental Epidemiology (3 credits)
ENVS 4310	Environmental Health (3 credits)

Certificates in Math, Science, and Technology

The Division of Math, Science, and Technology offers certificate programs to prepare students for employment in the field of computer information systems. The CIS certificate programs also provide supplemental training for computer science professionals and for students in any major who desire expertise in computer information systems. To earn a certificate, a student must achieve a C or better on all coursework in that certification. The number of certification credits varies. All courses are available online. The following three computer information systems certificate programs are offered:

Database Management Systems Certificate

The database management systems certificate program prepares students for employment as database developers and administrators. It also provides supplemental training for computer science professionals and for students in any major who desire expertise in database systems. Topics covered include programming, database systems, data structures, distributed data processing, and database management. The certificate requires 28 credits to complete. All courses are available online.

Database Management Systems Certificate Requirements (28 credits)

CSIS 1400	Discrete Mathematics (3 credits)
CSIS 1900	Computer Programming I (4 credits)
CSIS 2000	Introduction to Database Systems (3 credits)
CSIS 2950	Computer Programming II (4 credits)
CSIS 3020	Web Programming and Design (3 credits)
CSIS 3400	Data Structures (4 credits)
CSIS 4310	Distributed Data Processing (4 credits)
CSIS 4530	Database Management (3 credits)

Operating Systems Certificate

The operating systems certificate program prepares students for employment as system analysts, information systems specialists, computer information managers, and system programmers. It also provides supplemental training for computer science professionals and for students in any major who desire expertise in computer operating systems. Topics covered include programming, database systems, data structures, networking, and operating systems. The certificate requires 27 credits. All courses are available online.

Operating Systems Certificate Requirements (27 credits)

CSIS 1400	Discrete Mathematics (3 credits)
CSIS 1900	Computer Programming I (4 credits)
CSIS 2000	Introduction to Database Systems (3 credits)
CSIS 2950	Computer Programming II (4 credits)
CSIS 3400	Data Structures (4 credits)
CSIS 3500	Networks and Data Communication (3 credits)
CSIS 3810	Operating Systems Concepts (3 credits)
CSIS 4840	Unix Operating System Environment (3 credits)

Web Programming and Design Certificate

The web programming and design certificate program prepares students for employment as Web programmers, website developers, Web administrators, Web masters, and Web architects. It also provides supplemental training for computer science professionals and for students in other majors who desire expertise in Web programming and design. Topics covered include programming, database systems, Web programming, networking, multimedia, and computer graphics. The certificate requires 30 credits. All courses are available online.

Web Programming and Design Certificate Requirements (30 credits)

CSIS 1400	Discrete Mathematics (3 credits)
CSIS 1900	Computer Programming I (4 credits)
CSIS 2000	Introduction to Database Systems (3 credits)
CSIS 2950	Computer Programming II (4 credits)
CSIS 3020	Web Programming and Design (3 credits)
CSIS 3400	Data Structures (4 credits)
CSIS 4650	Computer Graphics (3 credits)
TECH 2150	Introduction to Internet Resources (3 credits)
TECH 3000	Multimedia Design (3 credits)

Division of Social and Behavioral Sciences

The Division of Social and Behavioral Sciences offers the bachelor of science degree in criminal justice, paralegal studies, and psychology. The division also administers psychology and substance abuse studies concentrations for the college's interdisciplinary major in applied professional studies.

Majors in Social and Behavioral Sciences

Criminal Justice Major

Criminal justice is the study of the legal rules of court procedure, police history and procedure, criminology, and the use of corrections as a means of rehabilitating convicted criminals. The study of criminal justice can give the undergraduate student a richer understanding of the structure and process of how laws, police, courts, and corrections all interact to work as a collective whole.

Criminal Justice Learning Outcomes

A successful criminal justice graduate is expected to:

1. Communicate effectively
    a. Select appropriate writing styles to articulate ideas, instructions, and information clearly, accurately, and comprehensively;
    b. Utilize correct structure, organization, grammar, and vocabulary in written communication;
    c. Verbally convey ideas, instructions, and information clearly, understandably, and professionally;
2. Analyze complex material and
    a. Identify the elements of a crime and the necessary supporting evidence;
    b. Demonstrate the relationship between statutory and constitutional law and its practical application;
    c. Evaluate information in a manner that leads to well founded, reasonable conclusions;
3. Comprehend the context within which legal issues arise and the implications of legal decisions so as to
    a. Demonstrate an understanding of the legal and judicial system, its structure, and functions;
    b. Demonstrate an understanding of constitutional principles and their implications in law enforcement functions;
    c. Demonstrate an understanding of liability, its implications for law enforcement functions, human resources, risk management, and administrative decisions.

Criminal Justice Curriculum

Students must complete 1000-level courses before advancing to courses at the 2000 level and higher.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Criminal Justice Major Requirements (54 credits)

Core Courses (45 credits)

CRJU 1100	Introduction to Criminal Justice (3 credits)
CRJU 1200	Criminal Law (3 credits)
CRJU 2000	Constitutional Issues (3 credits)
CRJU 2100	Policing (3 credits)
CRJU 2400	Court Systems and Procedures (3 credits)
CRJU 3100	Juvenile Delinquency (3 credits)
CRJU 3250	Interviewing, Interrogation, and Report Writing (3 credits)

CRJU 3300	Corrections in America (3 credits)
CRJU 3400	Criminal Investigations (3 credits)
CRJU 4000	Victimology (3 credits)
CRJU 4300	Criminology (3 credits)
CRJU 4500	Research Methods in Criminal Justice (3 credits)
CRJU 4950	Internship in Criminal Justice (3 credits)
PSYC 2450	Forensic Psychology (3 credits)
PSYC 3600	Criminal Justice and Substance Abuse (3 credits)

Major Electives (9 credits)
Select nine credits from the following courses:

CRJU 4600	Gangs in America (3 credits)
CRJU 4700	Special Topics in Criminal Justice (3–6 credits)
PSYC 1020	Introduction to Psychology (3 credits)
PSYC 3260	Abnormal Psychology (3 credits)
PSYC 3760	Multicultural Issues in Psychology (3 credits)
SOCL 1020	Introduction to Sociology (3 credits)
ADRB 2000	Introduction to Dispute Resolution (3 credits)

Paralegal Studies Major

The bachelor of science degree in paralegal studies is approved by the American Bar Association. A paralegal, as defined by the American Bar Association, is "a person qualified by education, training, or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity, and who performs specifically delegated substantive legal work for which a lawyer is responsible." The goal of the program is to prepare students for entry-level paralegal positions in the common areas of law practice. Paralegals are nonlawyers, and therefore, are prohibited from the unauthorized practice of law. This program trains paralegals, and is not a program for training lawyers or legal administrators. Students pursuing a bachelor of science degree in paralegal studies are required to submit a paralegal portfolio at an exit interview with the program coordinator prior to degree conferral.

Paralegal Studies Program Objectives

The objectives of the Paralegal Studies Program are to:

1. Provide students with a broad-based education in both liberal arts and paralegal studies;
2. Provide paralegal courses that enable students to obtain substantive legal knowledge, develop analytical skills, and apply the knowledge they have learned to tasks routinely performed by paralegals;
3. Be responsive in course offerings to the needs of paralegals and attorneys;
4. Ensure that students are familiar with the ethical guidelines for paralegals;
5. Provide students with the opportunity to utilize software that is used in most offices dealing with law-related issues;
6. Familiarize students with the paralegal profession and the opportunities that are available to them upon completion of the program.

Paralegal Studies Learning Outcomes

A successful paralegal studies graduate is expected to:

1. Explain the basic theories, doctrines, concepts, and associated principles that comprise the knowledge base of law, with specific emphasis on torts, contracts, wills and trusts, civil procedure, litigation, family law, business organizations, real estate, and criminal law;
2. Use critical-thinking skills to analyze and evaluate relevant facts and supporting material;
3. Use communication and interpersonal skills to effectively interact with clients, attorneys, judges, court personnel, and coworkers;
4. Categorize, organize, prioritize, and evaluate complex factual and legal issues;

5. Use legal-research skills to research and find statutes, cases, and other primary source material, and to draft legal documents.

Paralegal Studies Curriculum

Paralegal studies majors may take a maximum of six major elective credits in Special Topics courses and a maximum of six major elective credits in internship courses. LEGS courses offered online require proctored exams at approved sites.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Paralegal Studies Major Requirements (54 credits)

Core Courses (45 credits)

LEGS 1150	Introduction to Law and the Legal Profession (3 credits)
LEGS 2100	Legal Research and Writing I (3 credits)
LEGS 3050	Criminal Law and Procedure (3 credits)
LEGS 3210	Computer Applications for the Legal Profession (3 credits)
LEGS 3260	Real Estate Practice I (3 credits)
LEGS 3300	Torts and Civil Litigation (3 credits)
LEGS 3360	Wills, Trusts and Estates I (3 credits)
LEGS 3400	Business Relations and Organizations (3 credits)
LEGS 3550	Family Law (3 credits)
LEGS 4110	Legal Research and Writing II (3 credits)
LEGS 4270	Real Estate Practice II (3 credits)
LEGS 4310	Advanced Litigation (3 credits)
LEGS 4370	Wills, Trusts, and Estates II (3 credits)
LEGS 4410	Corporate Regulation and Change (3 credits)
SPCH 1010	Public Speaking (3 credits) *OR* SPCH 2020 Argument and Debate (3 credits)

Major Electives (9 credits)

Select nine credits from the following courses:

LEGS 4060	Debtor and Creditor Relations (3 credits)
LEGS 4470	Emerging Technologies and the Legal Profession (3 credits)
LEGS 4510	Specialty Course (3 credits)
LEGS 4560	Elder Law (3 credits)
LEGS 4950	Internship in Paralegal Studies (3 credits)

Psychology Major

The psychology major provides students with a solid grounding in the knowledge base of psychology. It encourages students to integrate and apply knowledge, and allows flexibility in course selection to help students meet their career goals. The major emphasizes scientific research and application to significant areas of human activities.

Students planning to work in the mental health field are encouraged to take Abnormal Psychology, a counseling course, Behavior Modification, psychological assessments, and at least one substance abuse studies course. Students who plan to enter a graduate program should take the GRE during their junior year. Students should take Statistics, Research Methods, and Practicum in Psychological Research in consecutive order. Further, it is recommended that students planning to attend a doctoral program should take the Advanced Practicum, Experimental Psychology, and as many of the foundation courses as possible. Students who are hoping to become substance abuse counselors should take the substance abuse minor courses.

Students majoring in psychology may also qualify for entrance into NSU's master's in occupational therapy program. Students interested in this career objective should work closely with their academic advisor to ensure that proper prerequisites are met.

Students not sure about which specialty they are most interested in should take as many of the foundation courses as possible at the start of their program of studies. Division advisors will help students design individual courses of study that will help them meet their career goals.

Psychology Major Learning Outcomes

A successful psychology graduate is expected to:

1. Demonstrate an understanding of the major theories, principles, and concepts that underlie the following core areas of psychology:
    a. Learning, Memory, and Cognition
    b. Sensation, Perception, and Biological Bases of Behavior
    c. Human Development
    d. Clinical, Abnormal, and Personality
    e. Social Influences on Thoughts, Feelings, and Behaviors
    f. Research Measurement, Design, and Methodology;
2. Integrate and apply the major theories, principles, and concepts of psychology to address research and/or applied issues in the field of psychology using critical thinking skills, skeptical inquiry, and when possible, the scientific approach;
3. Present written psychological information in a clear, concise manner that is consistent with professional standards (e.g. APA format).

Psychology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Psychology Major Requirements (54 credits)

Core Courses (30 credits)

MATH 3030	Applied Statistics II (3 credits)
PSYC 1020	Introduction to Psychology (3 credits)
PSYC 2330	Interpersonal Communication (3 credits)
PSYC 3000	Psychological Research Methods (3 credits)
PSYC 3710	History and Theories of Psychology (3 credits)
PSYC 3760	Multicultural Issues in Psychology (3 credits)
TECH 1110	Technology in Information Age (3 credits)

Select one of the following courses:

PSYC 4800	Practicum in Psychological Research (3 credits)
PSYC 4810	Practicum in Community Psychology (3 credits)

Select one of the following courses:

PSYC 4840	Advanced Practicum in Psychology (3 credits)
PSYC 4880	Senior Seminar in Psychology (3 credits)

Select one of the following courses:

PHIL 2000	Moral Issues (3 credits)
PHIL 3010	Ethical Issues in Communication (3 credits)
PHIL 3180	Biomedical Ethics (3 credits)

PHIL 3200 Ethics and Sport (3 credits)
PHIL 3360 Environmental Ethics (3 credits)

Major Foundation Electives (12 credits)
Select 12 credits from the following foundation courses:
PSYC 2350 Life-Span Human Development (3 credits)
PSYC 2380 Child and Adolescent Development (3 credits)
PSYC 3160 Social Psychology (3 credits)
PSYC 3210 Personality (3 credits)
PSYC 3260 Abnormal Psychology (3 credits)
PSYC 3510 Human Learning and Cognition (3 credits)
PSYC 4600 Biological Bases of Behavior (3 credits)

Other Psychology Major Electives (12 credits)

Sociology Major

Sociology focuses on the study of the interactive dynamics of social institutions, organizations, and everyday life. Sociologists combine humanistic and scientific perspectives to study urban and rural life, family patterns, social change, health care and illness, crime and violence, social class, technology and communications, social movements, and many other social issues and problems.

More specifically, Sociology is the systematic study of human behavior in social context. It focuses on the study of human society and social interaction. The discipline examines how we group ourselves (families, social groups, formal organizations, societies), how we behave in groups (collective action, social change, crime and delinquency), and how characteristics like age, race, social class, and gender affect our relationships with each other, and with organizations and institutions.

Sociology Major Learning Outcomes

The successful sociology graduate is expected to:

1. Describe and analyze the world by identifying and/or demonstrating the linkages between individual problems and social issues both theoretically and in practical applications;
2. Comprehend the world beyond the single dimensionality of any cultural world view, recognizing the value of other cultural perspectives, and understanding the relationship between power and perspective;
3. Apply a sociological perspective, built upon an understanding of basic sociological constructs and theories, to various areas of social life;
4. Explicate the diverse ways in which sociologists gather, interpret, and evaluate data.
5. Articulate sociologically informed opinions and arguments concerning social and behavioral phenomena, and critically read and understand sociological argument;
6. Describe the similarities and dissimilarities of behaviors, attitudes, values, beliefs, and opinions across populations and subpopulations.

Sociology Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Sociology Major Requirements (45 credits)

Foundation Courses (15 credits)
PSYC 1020 Introduction to Psychology (3 credits)
MATH 3020 Applied Statistics (3 credits)

PHIL Ethical/Moral Issues (choose one of following):
- PHIL 2000 Moral Issues (3 credits)
- PHIL 3010 Ethical Issues in Communication (3 credits)
- PHIL 3180 Biomedical Ethics (3 credits)
- PHIL 3200 Ethics and Sport, *OR*
- PHIL 3360 Environmental Ethics (3 credits)

TECH 1110 Technology in the Information Age (3 credits)
PSYC 2330 Interpersonal Communication (3 credits)

Core Courses (15 credits)
SOCL 1020 Introduction to Sociology (3 credits)
SOCL 2510 Social Problems (3 credits)
SOCL 3000 Research Methods in the Social Sciences (3 credits)
SOCL 3200 Classical Social Theory (3 credits)
SOCL 3400 Contemporary Social Theory (3 credits)

Major Electives (15 credits)
Select at least five courses for a total of no less than 15 credits. Students may choose more than 15 credits:
SOCL 2100 Sociology of Sexuality (3 credits)
SOCL 2130 Family Relationships (3 credits)
SOCL 2300 Family Communication (3 credits)
SOCL 3110 Gender, Sexuality, and the Family (3 credits)
SOCL 3130 Family Systems (3 credits)
SOCL 3300 Gender at Work (3 credits)
SOCL 3500 Race and Ethnicity in the U.S. (3 credits)
SOCL 3600 Environmental Sociology (3 credits)
SOCL 3700 Ethnic Family Diversity (3 credits)
SOCL 3800 Family Life Cycle (3 credits)
SOCL 4000 Gay and Lesbian Cultures (3 credits)
SOCL 4200 Violence and the Family (3 credits)
SOCL 4910 Special Topics in Sociology (3 credits)
SOCL 4950 Internship in Sociology (1–3 credits)

Minors in Social and Behavioral Sciences

Anthropology Minor

The anthropology minor is intended to acquaint students with the cross-cultural study of people and cultures through the diverse discipline of anthropology. The anthropology minor includes an overview of anthropological theory and research methods, of interdisciplinary approaches and cultural studies, as well as an examination of the four sub-fields of anthropology.

Anthropology Minor Requirements (18 credits)

Core Courses (12 credits)
ANTH 1020 Introduction to Anthropology (3 credits)
ANTH 3200 Anthropological Theories (3 credits)
SOCL 1020 Introduction to Sociology (3 credits)
SOCL 3000 Research Methods in the Social Sciences (3 credits)

Minor Electives (6 credits)
Students must select one additional course from each of the two groups below for a total of six credits.

One course (3 credits) from:
SOCL 3500 Race and Ethnicity in the U.S. (3 credits)
SOCL 3700 Ethnic Family Diversity (3 credits)

AND

One course (3 credits) from:
GLBS 1500 Global Issues (3 credits)
HIST 2130 Formation of Latin America (3 credits)
HIST 2200 Asian History (3 credits)
HIST 2300 Caribbean History (3 credits)
HIST 2400 African History (3 credits)
SOCL 3600 Environmental Sociology (3 credits)

Counseling Minor

The counseling minor provides a thorough overview of the counseling and psychotherapy fields. The minor is skills-based, experiential, and theoretical. Courses focus on both theory and application to provide a preliminary understanding of the field; an exploration of individual, group, and family therapies; and incorporation of gender and cultural issues. While not the sole component in preparing students to be counselors, the counseling minor is appropriate for students planning to enter mental health fields at the bachelor's, master's, or doctoral levels and for students whose careers will bring them into contact with mental health professionals.

Counseling Minor Requirements (18 credits)

Core Course (3 credits)
PSYC 2000 Introduction to the Counseling Profession (3 credits)

Minor Electives (15 credits)
Select 15 credits from the following courses:
PSYC 3450 Foundations of Therapeutic Interviewing (3 credits)
PSYC 3750 Gender and Counseling (3 credits)
PSYC 3800 Current Psychotherapies (3 credits)
PSYC 3950 Brief Therapy (3 credits)
PSYC 4150 Group Counseling in Substance Abuse (3 credits)
PSYC 4200 Cross-Cultural Counseling (3 credits)

PSYC 4810 Practicum in Community Psychology (3 credits) (Note: only counseling sites qualify)
SOCL 3130 Family Systems (3 credits)

Criminal Justice Minor

The criminal justice minor is designed to provide students with an overview of law enforcement policies and procedures. This course of study includes coverage of criminal procedure and the rights of the accused, civil rights of prisoners, rights and responsibilities of law enforcement officers, and the administration of criminal justice organizations. This minor is recommended for students interested in criminology, criminal defense or prosecution, or other law enforcement-related fields. The criminal justice minor provides perspectives of the criminal justice system from the psychological, legal, law enforcement, and correctional perspectives. Some minor courses are offered only in the evening or on weekends. Students may not minor in both criminal justice and forensic psychology.

Criminal Justice Minor Requirements (18 credits)

Core Courses (12 credits)
CRJU 1100 Introduction to Criminal Justice (3 credits)
CRJU 1200 Criminal Law (3 credits)
CRJU 2000 Constitutional Issues (3 credits)
CRJU 3300 Corrections in America (3 credits)

Minor Electives (6 credits)
Select six credits from the following courses:
CRJU 2100 Policing (3 credits)
CRJU 3100 Juvenile Delinquency (3 credits)
PSYC 2450 Forensic Psychology (3 credits)
PSYC 3600 Criminal Justice and Substance Abuse (3 credits)
PSYC 3760 Multicultural Issues in Psychology (3 credits)

Dispute Management and Resolution Minor

The dispute management and resolution minor is designed to present students with an overview of some of the major theories and practices encompassing the field. The minor offers students theoretical, skills-based, and experiential learning opportunities. Offering new perspectives to a topic which affects everyone, this program examines theories including conflict causation, escalation, management, and resolution, and cultural aspects of conflict. The minor provides students with a fundamental understanding and working knowledge of several management and resolution processes including conflict coaching, negotiation, mediation, and restorative justice. The minor also includes a semester of practicum experience providing students with the opportunity to practice and enhance their newly learned knowledge and skills for dispute managements and resolution.

Dispute Management and Resolution Minor Requirements (18 credits)

PSYC 2330 Interpersonal Communication (3 credits)
ADRB 2000 Introduction to Dispute Resolution (3 credits)
ADRB 2100 Mediation Theory and Practice (3 credits)
ADRB 3200 Conflict Management and Resolution Theory (3 credits)
ADRB 3300 Culture and Conflict (3 credits)
ADRB 4000 Practicum in Dispute Management and Resolution (3 credits)

Family Studies Minor

The family studies minor examines the North American family and its alternatives from a multicultural, life-span perspective. It is designed to expose and engage students in a range of topics related to family function and structure in contemporary society. The minor explores families as social systems and various relational dynamics that function within families, including diversity and gender. Courses explore the internal dynamics of family

functioning while contextualizing family processes in the larger field of social interactions and practices. This minor provides a framework for the application of theory and knowledge for students considering working in a variety of public and private social services agencies serving families. Students minoring in both family studies and sociology may have no more than two sociology courses in common.

Family Studies Minor Requirements (18 credits)
Select 18 credits from the following courses:

SOCL 2130	Family Relationships (3 credits)
SOCL 2300	Family Communication (3 credits)
SOCL 3110	Gender, Sexuality and the Family (3 credits)
SOCL 3130	Family Systems (3 credits)
PSYC 3550	Substance Abuse and the Family (3 credits)
SOCL 3700	Ethnic Family Diversity (3 credits)
SOCL 3800	Family Life Cycle (3 credits)
SOCL 4200	Violence and the Family (3 credits)

Forensic Psychology Minor

The forensic psychology minor prepares students for work involving interactions between law and psychology. The minor also prepares students for advanced training in forensic psychology and related fields. Students will learn the fundamental principles of litigation, including methods of alternative dispute resolution; legal standards related to working as a mental health professional; legal standards related to testifying as an expert witness; methods of forensic evaluation; strategies for testifying as an expert; methods of screening police officer applicants; methods of training and counseling law enforcement officers; methods of assisting attorneys in selecting jurors and in evaluating trial strategies; evaluation and treatment procedures of correctional mental health workers; methods of community corrections, including the roles of probation and parole officers; methods of crime victim assistance programs; and legal incompetency, civil commitment, dependency and neglect, mental health malpractice, and child custody determinations. Some minor courses are offered only in the evening or on weekends. Students may not minor in both criminal justice and forensic psychology.

Forensic Psychology Minor Requirements (18 credits)

Core Course (3 credits)
PSYC 2450 Forensic Psychology (3 credits)

Minor Electives (15 credits)
Select 15 credits from the following courses:

ADRB 2000	Introduction to Dispute Resolution (3 credits)
CRJU 1200	Criminal Law (3 credits)
CRJU 2000	Constitutional Issues and Criminal Procedure (3 credits)
CRJU 3300	Corrections in America (3 credits)
PSYC 3260	Abnormal Psychology (3 credits)
PSYC 3600	Criminal Justice and Substance Abuse (3 credits)
PSYC 4810	Practicum in Community Psychology (3 credits)

(Note: only criminal justice sites qualify)

Paralegal Studies Minor

The paralegal studies minor is designed to expose students to the most common areas of law encountered in a legal and business context. The minor is not designed to encompass the entire range of skills needed in the paralegal profession. It is not a program for training paralegals and is not approved by the American Bar Association. The minor is a wonderful enhancement for those students pursuing other law-related careers or business careers and who desire to understand the federal and state legal systems to broaden their legal knowledge and skills. LEGS courses offered online require proctored exams at approved sites.

Paralegal Studies Minor Requirements (18 credits)

Core Courses (6 credits)
LEGS 1150 Introduction to Law and the Legal Profession (3 credits)
LEGS 2100 Legal Research and Writing (3 credits)

Minor Electives (12 credits)
Select 12 credits from the following courses:
LEGS 3050 Criminal Law and Procedure (3 credits)
LEGS 3260 Real Estate Practice I (3 credits)
LEGS 3300 Torts and Civil Litigation (3 credits)
LEGS 3360 Wills, Trusts, and Estates I (3 credits)
LEGS 3400 Business Relations and Organizations (3 credits)
LEGS 3550 Family Law (3 credits)

Psychology Minor

The psychology minor is intended to provide students with a solid grounding in the knowledge base of psychology and the opportunity to explore areas of psychology that most closely correspond to their interests and goals. At least three of the six psychology courses must be 3000- or 4000-level courses.

Psychology Minor Requirements (18 credits)

Core Courses (6 credits)
PSYC 1020 Introduction to Psychology (3 credits)
PSYC 2330 Interpersonal Communication (3 credits)

Minor Electives (6 credits)
Select at least six credits from the following courses:
PSYC 2350 Life-Span Human Development (3 credits) *OR* PSYC 2380 Child and Adolescent Development (3 credits)
PSYC 3000 Psychological Research Methods (3 credits)
PSYC 3160 Social Psychology (3 credits)
PSYC 3210 Personality (3 credits)
PSYC 3260 Abnormal Psychology (3 credits)
PSYC 3510 Human Learning and Cognition (3 credits)
PSYC 4600 Biological Bases of Behavior (3 credits)

Additional Psychology Electives (6 credits)
With assistance from an academic advisor or faculty mentor, students select two psychology elective courses (these can include additional courses from the list above)

Sociology Minor

The sociology minor is intended to provide students with a solid grounding in the knowledge base of sociology. It covers social processes and change in a variety of arenas, including families, work, gender, and communities. Students minoring in both family studies and sociology may have no more than two sociology courses in common.

Sociology Minor Requirements (18 credits)

Core Courses (9 credits)
SOCL 1020 Introduction to Sociology (3 credits)
SOCL 2130 Family Relationships (3 credits)
SOCL 2510 Social Problems (3 credits)

Minor Electives (9 credits)
Students must select three additional SOCL prefix courses, at the 3000 or 4000 level.

Substance Abuse Studies Minor

The substance abuse studies minor is designed to meet the needs of those who wish to develop a broad base of knowledge concerning substance abuse problems, resources available for managing these problems, and modes of treatment of the individual substance abuser. This minor is appropriate for students employed in or wishing to enter the field of substance abuse treatment, as well as students who feel that the knowledge base provided in this program will be useful to them in their careers (management, teaching, etc.). Some minor courses are offered only in the evening or on weekends.

Substance Abuse Minor Requirements (18 credits)

PSYC 3550	Substance Abuse and the Family (3 credits)
PSYC 3570	Psychology and Physiology of Substance Abuse (3 credits)
PSYC 3580	Rehabilitation Strategies for Substance Abuse (3 credits)
PSYC 3600	Criminal Justice and Substance Abuse (3 credits)
PSYC 3620	Drug Prevention and Education (3 credits)
PSYC 3630	Ethical and Professional Developments (3 credits)

Certificates in Social and Behavioral Sciences

Paralegal Studies Post-Baccalaureate Certificate

The Post-Baccalaureate Certificate Program in Paralegal Studies is approved by the American Bar Association. A paralegal, as defined by the American Bar Association, is "a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental agency, or other entity, and who performs specifically delegated substantive legal work for which a lawyer is responsible." The goal of the program is to prepare students for entry-level paralegal positions in the common areas of law practice. Paralegals are nonlawyers and therefore are prohibited from the unauthorized practice of law. This program trains paralegals, and is not a program for training lawyers or legal administrators.

Students in the Post-Baccalaureate Certificate Program are required to submit a paralegal portfolio at an exit interview with the program coordinator prior to certificate conferral. LEGS courses offered online require proctored exams at approved sites.

Paralegal Studies Post-Baccalaureate Certificate Requirements (30 credits)

LEGS 1150	Introduction to Law and the Legal Profession (3 credits)
LEGS 2100	Legal Research and Writing (3 credits)
LEGS 3050	Criminal Law and Procedure (3 credits)
LEGS 3210	Computer Applications for the Legal Profession (3 credits)
LEGS 3260	Real Estate Practice I (3 credits)
LEGS 3300	Torts and Civil Litigation (3 credits)
LEGS 3360	Wills, Trusts, and Estates I (3 credits)
LEGS 3400	Business Relations and Organizations (3 credits)
LEGS 3550	Family Law (3 credits)
TECH 1110	Technology in Information Age (3 credits)

Substance Abuse Studies Certificate

NSU is listed as a single-source provider by the Florida Certification Board (FCB). The certificate program in substance abuse studies prepares students for certification from the Florida Certification Board SS #02. The program is designed so that interested applicants may pursue certification without interrupting their current careers.

The FCB has three specialty areas for certification: Certified Addictions Professional (CAP), Certified Criminal Justice Addiction Professional (CCJAP), and Certified Addiction Prevention Professional (CAPP). NSU is the only single source provider in Florida that offers courses in all three specialty areas. These courses are mainly offered in the evening or on weekends, but may also be available online and during the day. The substance abuse studies certificate includes six core and two counseling courses.

Substance Abuse Studies Certificate Requirements (24 credits)

PSYC 3550	Substance Abuse and the Family (3 credits)
PSYC 3570	Psychology and Physiology of Substance Abuse (3 credits)
PSYC 3580	Rehabilitation Strategies for Substance Abuse (3 credits)
PSYC 3600	Criminal Justice and Substance Abuse (3 credits)
PSYC 3620	Drug Prevention and Education (3 credits)
PSYC 3630	Ethical and Professional Developments (3 credits)
PSYC 3800	Current Psychotherapies (3 credits)
PSYC 4150	Group Counseling in Substance Abuse (3 credits)

Interdisciplinary Programs

Applied Professional Studies Major

Interdisciplinary Programs offers the bachelor of science in applied professional studies (APS). The applied professional studies major is available only to students enrolled in the Career Development Program. It offers a flexible program for adults who have gained significant professional experience and/or who have earned a large number of college credits toward their particular career goal. It is designed to allow students to select courses that best fit their career plans. Rather than study in one discipline or area of focus, students focus on applied practical studies that often draw on subjects in two or more divisions. The APS major may be offered to students in all locations subject to course availability.

For more information about the applied professional studies major, contact the Farquhar College of Arts and Sciences Office of the Dean at (954) 262-8408.

Applied Professional Studies Learning Outcomes

Upon completion of this major, students should be able to:

1. Articulate the integration of the two concentrations into one focused degree program;
2. Articulate critically (a) the fundamental theories and principles underlying concentration II, (b) the relationship of the theories and principles underlying concentration II to concentration I (where appropriate), (c) the ways in which the theories and principles of concentration II are operationalized in practice, and (d) the implications for scholarly pursuit;
3. Apply the knowledge, skills, and principles acquired through the program appropriately and effectively in pursuit of career goals.

Applied Professional Studies Curriculum

A minimum of 24 upper division (3000 and higher) credits must be included in the total required 120 credits. Students may apply an unlimited number of prior learning credits toward their applied professional studies degree; a minimum of 30 credits must be completed at NSU. Students majoring in applied professional studies may demonstrate learning competencies for one of their concentrations through NSU coursework, transfer courses from other institutions, prior learning, or testing (e.g., DANTES and CLEP). Specific requirements are:

1. General Education Framework: Up to 30 credits

2. Major Requirements:
    a. Concentration I (18 credits transferred in)
    b. Concentration II (number of credits depend on the concentration)

3. Open Electives 41–51 credits

Total Degree Requirements: 120 credits

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Applied Professional Studies Concentrations

Students choose one of the following concentrations after consultation with their academic advisor. Not all concentrations are offered at every location.

Biological and Physical Sciences Concentration
Acceptance into this major is determined by the director of the Division of Math, Science and Technology.

Major Prerequisites (or equivalents) (12 credits)
CHEM 1100 Fundamentals of Chemistry (3 credits) or passing grade on chemistry placement exam
COMP 1000 Basic Writing (3 credits)
MATH 1040 College Algebra (3 credits)
MATH 1200 Precalculus Algebra (3 credits)

Program Requirements (8 credits)
These courses can be transferred from a regionally accredited college or university.
Choose two of the following courses:
BIOL 1500 Biology I/Lab (4 credits)
BIOL 1510 Biology II/Lab (4 credits)
CHEM 1300 General Chemistry I/Lab (4 credits)
CHEM 1310 General Chemistry II/Lab (4 credits)

Core Course (3 credits)
BIOL 4901 APS Capstone Course in Biological and Physical Sciences (3 credits)

Major Electives (24–28 credits)
Select seven 2000 or higher level courses. Three courses must be at the 3000-level or higher. At least three of the courses must be courses that include laboratory. This selection is from the following prefixes:
BIOL, CHEM, PHYS, MBIO, ENVS, SCIE.

Computer Engineering Technology Concentration
This concentration is administered by the Division of Math, Science, and Technology. It is available for students who have completed a minimum of 45 credits, 18 of which are in specific coursework in one of the following areas: Telecommunications Engineering Technology, Electronics Engineering Technology, or Computer Engineering Technology. Acceptance into this major is determined by the director of the Division of Math, Science and Technology.

Core Courses (25 credits)
CSIS 1900 Computer Programming I (C/C++) (4 credits)
CSIS 2410 Assemblers and Assembly Language Programming (4 credits)
CSIS 2950 Computer Programming II (Java) (4 credits)
CSIS 3060 Digital Design (3 credits)
CSIS 3400 Data Structures (4 credits)
CSIS 3810 Operating Systems Concepts (3 credits)
CSIS 4901 APS Capstone Directed Independent Study (3 credits)

Major Electives (3 credits)
Select three credits from the following courses:
CSIS 3500 Networks and Data Communication (3 credits)
CSIS 4050 Computer Architecture (3 credits)
CSIS 4350 Robotics (3 credits)

CSIS 4650 Computer Graphics (3 credits)
CSIS 4710 Embedded Systems (3 credits)
CSIS 4890 Special Topics in Computer Information Systems (3 credits)

Computer Studies Concentration
Acceptance into this major is determined by the director of the Division of Math, Science and Technology.

Major Prerequisites (or equivalents) (6 credits)
TECH 1110 Technology in Information Age (3 credits)
MATH 1200 Precalculus Algebra (3 credits)

Core Courses (26–27 credits)
CSIS 1400 Discrete Mathematics (3 credits)
CSIS 1800 Introduction to Computer Science (3 credits)
CSIS 1900 Computer Programming I (4 credits)
CSIS 2000 Introduction to Database Systems (3 credits)
CSIS 2950 Computer Programming II (4 credits)
CSIS 4901 APS Capstone Directed Independent Study (3 credits)

Select two courses from the following:
CSIS 3020 Web Programming and Design (3 credits)
CSIS 3500 Network and Data Communications (3 credits)
CSIS 3750 Software Engineering (4 credits)
CSIS 4890 Special Topics in Computer Information Systems (3 credits)

Health Professions Studies Concentration
This concentration is administered by the Farquhar College of Arts and Sciences in collaboration with the College of Allied Health and Nursing. It is available to students enrolled in the Physician Assistant Program. Descriptions of courses in this concentration can be viewed in the catalog of the College of Allied Health and Nursing. Acceptance into this major is determined by the dean or designee in the Farquhar College of Arts and Sciences.

Core Courses (39 credits)
ANA 5420 Anatomy (5 credits)
MIC 5400 Microbiology (3 credits)
PAC 5000 Physical Diagnosis (3 credits)
PAC 5001 Introduction to the PA Profession (1 credit)
PAC 5002 Medical Terminology (1 credit)
PAC 5003 Fundamentals of Medical Imaging (1 credit)
PAC 5010 Core Competencies (1 credit)
PAC 5100 Physical Diagnosis II (3 credits)
PAC 5129 Health Promotion and Disease Prevention (1 credit)
PAC 5200 Physical Diagnosis III (3 credits)
PAC 5404 Legal and Ethical Issues in Health Care (2 credits)
PAC 5408 Clinical Genetics (2 credits)
PAC 5410 Complementary Medicine and Nutrition (2 credits)
PAC 5412 Interpretation and Evaluation of Medical Literature (2 credits)
PCO 5400 Pharmacology I (2 credits)
PCO 5410 Pharmacology II (4 credits)
PHS 5400 Physiology (3 credits)

Information Technology Concentration
Acceptance into this major is determined by the director of the Division of Math, Science and Technology.

Core Courses (24 credits)
TECH 1110 Technology in Information Age (3 credits)
TECH 2000 Computer Technology: Impact and Implications (3 credits)
TECH 2150 Introduction to Internet Resources (3 credits)
TECH 4901 APS Capstone Course in Information Technology (3 credits)

Select 12 credits from the following courses:

PHIL 3010	Ethical Issues in Communication (3 credits)
TECH 2130	Business Applications of Microcomputers (3 credits)
TECH 3000	Multimedia Design (3 credits)
TECH 3010	Principles of Web Site Design (3 credits)
TECH 4050	Business Data Communication (3 credits)

Pre-Optometry Studies Concentration

The APS degree with a concentration in pre-optometry studies is only available to students in the Pre-Optometry Program offered by the College of Optometry. To complete this bachelor's degree program, students must complete the pre-optometry studies concentration along with a course in mathematics, a communications course (COMP, LITR, SPCH, or WRIT prefix), and an additional elective credit to total 30 credits at NSU. OPT and OPTC courses can be viewed in the catalog of the College of Optometry. Acceptance into this major is determined by the dean or designee in the Farquhar College of Arts and Sciences.

Core Courses (23.5 credits)

BIOL 4901	APS Capstone Course in Biological and Physical Sciences (3 credits)
OPT 1011	Histology and Embryology (1 credit)
OPT 1323	Microbiology (3 credits)
OPT 2144	General Physiology (4 credits)
OPTC 1134	Gross Anatomy/Head and Neck (4 credits)
OPTC 1233	Biochemistry (3 credits)
OPTC 2023	General Neuroanatomy (2.5 credits)
PHYS 3300	Fundamentals of Optics (3 credits)

Psychology Concentration

Acceptance into this major is determined by the director of the Division of Social and Behavioral Sciences.

Major Prerequisites (or equivalents) (6 credits):

PSYC 1020	Introduction to Psychology (3 credits)
MATH 3030	Applied Statistics II (3 credits)

Core Courses (24 credits)

PSYC 2350	Life-Span Human Development (3 credits) *OR* PSYC 2380 Child and Adolescent Development (3 credits)
PSYC 3000	Psychological Research Methods (3 credits)
PSYC 3160	Social Psychology (3 credits)
PSYC 3210	Personality (3 credits) *OR* PSYC 3260 Abnormal Psychology (3 credits)
PSYC 3510	Human Learning and Cognition (3 credits)
PSYC 4600	Biological Bases of Behavior (3 credits)
PSYC 4901	APS Capstone Course in Psychology/Substance Abuse Studies (3 credits)

Select one additional 3000- or 4000-level PSYC course, with assistance from academic advisor (3 credits)

Substance Abuse Studies Concentration

Acceptance into this major is determined by the director of the Division of Social and Behavioral Sciences.

Core Courses (27 credits)

PSYC 3550	Substance Abuse and the Family (3 credits)
PSYC 3570	Psychology and Physiology of Substance Abuse (3 credits)
PSYC 3580	Rehabilitation Strategies for Substance Abuse (3 credits)
PSYC 3600	Criminal Justice and Substance Abuse (3 credits)
PSYC 3620	Drug Prevention and Education (3 credits)
PSYC 3630	Ethical and Professional Developments (3 credits)
PSYC 3800	Current Psychotherapies (3 credits)
PSYC 4150	Group Counseling in Substance Abuse (3 credits)
PSYC 4901	APS Capstone Course in Psychology/Substance Abuse Studies (3 credits)

Fischler School of Education and Human Services

Fischler School of Education and Human Services

Education Provost's Message

On behalf of the many men and women who are members of the Fischler School of Education and Human Services learning community, I bring you the best of all that we have to offer and a pledge to provide quality instruction and service.

We are committed to the successful enhancement of your professional career. To that end we provide excellent instruction, technology designed to deliver that instruction, and an infrastructure aimed at supporting your efforts. To that end, we maintain one of the largest library databases available and employ a host of new initiatives designed to focus on developing new approaches to teaching and learning.

While you are very special to us, we also remind you that our expectations and standards are high. We urge you to excel beyond your wildest dreams and explore new vistas. The end result will be recognition by you and us of your talents, skills, and the acquisition of new knowledge.

On behalf of the hundreds of professional men and women associated with the Fischler School of Education and Human Services, I welcome you to the threshold of a new world.

H. Wells Singleton, Ph.D.

H. Wells Singleton, Ph.D.
Education Provost/University Dean, Fischler School of Education and Human Services

FSEHS Mission Statement

The Fischler School of Education and Human Services (FSEHS) is dedicated to the enhancement and continuing support of teachers, administrators, trainers, and others working in related helping professions throughout the world. The school fulfills its commitment to the advancement of education by serving as a resource for practitioners, both novice and experienced, and by supporting them in their professional self-development.

Because of its commitment to the working professional, the school offers alternative delivery systems that are adaptable to practitioners' work schedules and locations. School programs anticipate and reflect the needs of practitioners to become more effective in their current positions, to fill emerging roles in education and related fields, and to be prepared to accept changing responsibilities within their own organizations.

Ahead of the Curve

At the Fischler School of Education and Human Services, our mission requires us to stay "Ahead of the Curve"—in education, in leadership, and in services. We are dedicated to the enhancement and continuing support of all who desire, provide, or facilitate education and/or educational options throughout the world. The school fulfills this commitment to the advancement of education by serving as a resource for practitioners and supporting them in their professional self-development.

Our commitment to the value of the working professional is the basis for our alternative delivery systems that take education to the learner and adapt it to meet the career needs of the practitioner. Our programs anticipate and reflect the needs of practitioners to become more effective in their current positions, to fill emerging roles where education is needed, and to prepare them to accept changing responsibilities within their own organizations.

Consistent with the philosophical views of individual development, motivation, and leadership, FSEHS is also committed to prepare professional educators who possess both a high sense about their responsibilities as leaders in their society and who hold themselves to high ethical standards. It is also devoted to the formation of humanistic educators able to successfully meet the needs of people in a culturally and globally diverse society.

State Disclosures

The following states require these disclosures:

Arizona
Nova Southeastern University is licensed to operate in Arizona by the Arizona State Board for Private Postsecondary Education.

California
Any questions or problems concerning this institution which have not been satisfactorily answered or resolved by the institution should be directed to the Bureau for Private Postsecondary and Vocational Education, 1027 Tenth Street, Fourth Floor, Sacramento, California 95814; (916) 445-3427.

Georgia
Authorized under the Nonpublic Postsecondary Educational Institutions Act of 1990.

Indiana
This institution is regulated by: The Indiana Commission on Proprietary Education, 302 West Washington Street, Room 201, Indianapolis, Indiana 46204. In-state toll-free number, 800-227-5695 or (317) 233-4219.

Nevada
Nova Southeastern University's Master of Science in Speech-Language Pathology Program, Graduate Teacher Education Program, and the National Ed.D. Program for Educational Leaders are licensed by the Nevada Commission on Postsecondary Education. The Las Vegas site includes classrooms, technology labs, and administrative offices. All facilities conform to Clark County building, fire, and business license requirements.

South Carolina
Nova Southeastern University is licensed by the Commission on Higher Education, 1333 Main Street, Suite 200, Columbia, South Carolina 29201; (803) 737-2260. Licensure indicates only that minimum standards have been met; it is not equivalent to, or synonymous with, accreditation by an accrediting agency recognized by the U.S. Department of Education.

Vermont
Credits earned at Nova Southeastern University are transferable at the discretion of the receiving school. Students who wish to transfer credit should contact the admissions office of the receiving school for information. In the event that a decrease in enrollment makes continuing a program academically nonviable, or if the program is forced to close for any other reason, provisions will be made for students to continue the program at another site without

additional cost to the student. If it is not possible to provide a completion alternative, students will be given a full refund of tuition and fees.

Washington
Nova Southeastern is authorized by the Washington Higher Education Coordinating Board (HECB) and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree Authorization Act. This authorization is valid until July 31, 2007, and authorizes Nova Southeastern University to offer the following programs: Doctor of Education with specializations in: Educational Leadership; Health Care Education; Higher Education; Human Services Administration; Instructional Leadership; Instructional Technology and Distance Learning; Organizational Leadership; Special Education; and Speech-Language Pathology. Any person desiring information about the requirements of the Act or the applicability of those requirements to the institution may contact the HECB office at P.O. Box 43430, Olympia, WA 98504-3430.

Wisconsin
In Wisconsin, students may contact the Educational Approval Board (EAB) at (608) 266-1995 if complaints are not satisfactorily resolved with the institution.

All field-based clusters meet the same stringent accreditation requirements as on-campus programs. In addition, all clusters outside Florida are licensed in the states in which they operate.

Meeting Facilities

Nova Southeastern University leases classroom facilities in accordance with local health, fire, and safety standards. All facilities are selected on the basis of their conduciveness to learning.

Title II Institutional Report Card

Institutions that offer teacher preparation programs are required to report information on program completers to state and federal departments of education. This information, regarding the number of program completers and testing pass rates, has been provided by the respective department of education.

Florida Title II Report Card for Nova Southeastern University Academic Year: 2006–2007				
Test Field/Category	Title II Completers	Non-Title II Completers Taking	Completers Passing	Pass Rate
Title II Approved Programs				
General Knowledge	206	281	480	99%
Professional Education	206	283	488	100%
Subject Area Exam (DOE Code)	229	-	229	100%
Reading (212)	78	-	78	100%
Speech/Language Impaired (332)	1	-	1	100%
PreK-Primary Education/ESOL (387)	6	-	6	100%
Exceptional Student/ESOL (430)	33	-	32	97%
Elementary/ESOL (444)	206	-	206	100%
Non-Title II Approved Programs				
Subject Area Exam (DOE Code)				
Educational Leadership (285)	-	299	299	100%
Educational Media Specialist (324)	-	2	2	100%
School Psychologist (330)	-	24	24	100%

Nevada Title II Report Card for Nova Southeastern University Academic Year: 2006–2007			
Test Field/Category	**Taking Assessment**	**Passing Assessment**	**Institutional Pass Rate**
Basic Skills			
PPST READING	**1**	**Rule of 10***	**Rule of 10***
PPST WRITING	**1**	**Rule of 10***	**Rule of 10***
PPST MATHEMATICS	**1**	**Rule of 10***	**Rule of 10***
COMPUTERIZED PPST READING	**10**	**10**	**100%**
COMPUTERIZED PPST WRITING	**10**	**10**	**100%**
COMPUTERIZED PPST MATHEMATICS	**10**	**10**	**100%**
Professional Knowledge			
PRINCIPLES LEARNING & TEACHING K-6			
Academic Content Areas			
ELEM ED CURR INSTRUC ASSESSMENT	**11**	**11**	**100%**
ELEM ED CONTENT AREA EXERCISES	**11**	**11**	**100%**
Other Content Areas			
Teaching Special Populations			
SE KNOWLEDGE-BASED CORE PRINCIPLES			
Nova Southeastern University Total	**11**	**11**	**100%**
***Rule of 10** indicates that there are fewer than 10 test takers; scores are not calculated by the Department of Education.			

California Title II Report Card for Nova Southeastern University Academic Year: 2005–2006			
Test Field/Category	**Taking Assessment**	**Passing Assessment**	**Institutional Pass Rate**
Basic Skills			
CBEST	**6**	**Rule of 10***	**Rule of 10***
Professional Knowledge			
RICA	**6**	**Rule of 10***	**Rule of 10***
Other Content Areas			
CSET MSE I	**2**	**Rule of 10***	**Rule of 10***
CSET MSE II	**2**	**Rule of 10***	**Rule of 10***
CSET MSE III	**2**	**Rule of 10***	**Rule of 10***
MSAT (0140 + 0151)	**0**	**N/A**	**N/A**
Nova Southeastern University Total		**Rule of 10***	**Rule of 10***
***Rule of 10** indicates that there are fewer than 10 test takers; scores are not calculated by the Department of Education.			

Certification/Licensure

The requirements for certification/licensure differ from state to state. Some states do not grant initial certification/licensure unless transcripts are annotated as having met that state's approved program.

In Florida, students graduating from a state-approved program and who have passed all portions of the Florida Teacher Certification Exam (FTCE) are eligible for an initial professional certificate. Actual teacher certification is awarded by the Florida Department of Education, not NSU.

Graduates who seek licensure or endorsement in Nevada must ask NSU to send a Confirmation of Completion form to the Nevada Department of Education. These forms are available through the Office of Enrollment Services and can be requested by contacting Academic Advising (800-986-3223, ext. 21559).

The State of Nevada's Department of Education has amended its rule regarding candidates pursuing initial certification. Rule **NRS 394.150,** requires all students at the undergraduate and graduate levels to complete instruction in the United States **and** State of Nevada's constitutions. Students may fulfill this requirement by completing a course in Nevada law or by providing passing scores on an approved examination.

A state department of education (DOE) reserves the right to change requirements leading to certification/licensure at any time. Consequently, NSU reserves the right to change requirements in a state-approved program, with or without prior notice, to reflect changes mandated by the DOE.

For specific requirements and current information regarding teacher certification/licensure, please contact the appropriate department of education (DOE).

Florida Department of Education
Bureau of Educator Certification
Suite 201, Turlington Building
325 West Gaines Street
Tallahassee, Florida 32399-0400
www.fldoe.org/edcert

Telephone Service:
In-state toll-free number: 800-445-6739
Out-of-state number: 850-488-2317

Nevada Department of Education
Teacher Licensing Office
1820 East Sahara Avenue, Suite 205
Las Vegas, Nevada 89104
www.doe.nv.gov/licensing.html

Telephone Service:
(702) 486-6457 (voice mail)
(702) 486-6458 (8:00 a.m. to 5:00 p.m.)
(702) 486-6450 (fax)

Certification through Course-by-Course Analysis by the Florida Department of Education

Some courses are offered for students who already hold a bachelor's degree in fields other than education and who desire to obtain certification in specific content areas (see programs of study). Before registering for courses, individuals seeking courses that may lead to certification must be admitted to NSU as non-degree-seeking students. Certification-only students assume full risk in interpreting the letter of eligibility needs. NSU recommends that certification-only students discuss anticipated course offerings with the Teacher Certification Office of the Florida Department of Education, or the local school district certification officer, before registering for any courses.

Dress Code

Clinical Experiences, Internships, and Externships

All interns and clinical experience students are expected to abide by the dress code that is in place at the school/school district at which they are situated. Interns and clinical experience students must dress professionally and appropriately for the school setting and/or specific activity. Clothing that is in any way controversial, provocative, and/or revealing may not be worn. Students are expected to follow good grooming habits and long hair should be worn in a manner where it will not impede the students' view of the intern's face and mouth. Facial piercings (nose, tongue, eyebrow) and/or the exhibition of inappropriate tattoos is not permitted. If poor judgment is exercised in the manner of dress or grooming, the student may be asked to leave campus by the school administrator/cooperating teacher/school supervisor until such time that the situation has been remedied.

Form and Style Guidelines for Student Writing

The current edition of *The Publication Manual of the American Psychological Association* is the official style guide used for all written works at the Fischler School of Education and Human Services. All students must adhere to the form and style requirements outlined by the APA style guide and the Fischler Standard Format document (available online at *www.schoolofed.nova.edu/sso/PDF/fsehs_standard_format.pdf*) for all written assignments.

Undergraduate Programs in Education

The Fischler School of Education and Human Services (FSEHS) offers undergraduate programs in education through a cooperative agreement with NSU's Farquhar College of Arts and Sciences. Courses are delivered by both Farquhar and Fischler faculty. FSEHS undergraduate programs include the Associate of Arts program with an emphasis in Early Childhood Education (A.A./ECE), the Undergraduate Teacher Education Program (UTEP), the Bachelor of Science in Education with a concentration in Child Development (BSCD), and the Bachelor of Science in Applied Professional Studies with a concentration in Teaching and Learning.

A.A. in Early Childhood Education (A.A./ECE) Program

The Associate of Arts degree with an emphasis in Early Childhood Education has been designed to provide a highly supportive learning environment in which members of the early childhood community can develop the skills and knowledge needed to meet the current standards for advanced degrees in the field of early childhood. The program is a collaborative effort between the Fischler School of Education and Human Services (FSEHS), the Farquhar College of Arts and Sciences, and the Mailman Segal Institute for Early Childhood Studies (MSI). The A.A./ECE program is not designed to lead to certification or licensure.

The A.A./ECE program is structured according to the national and state requirements for associate degree programs in early childhood education. The program is based on the competencies and guidelines established by the following national organizations:

- American Associate Degree Early Childhood Educators (ACCESS)
- Association for Childhood Education International (ACEI)
- National Association for the Education of Young Children (NAEYC)
- National Board for Professional Teaching Standards (NBPTS)
- National Council for Accreditation of Teacher Education (NCATE)

A.A. in Early Childhood Education Learning Outcomes

Early childhood educators enrolled in the A.A. program will do the following:

1. Develop the skills and knowledge necessary to meet the increased challenges and responsibilities faced in today's early childhood settings
2. Learn how to incorporate the best teaching competencies and practices in their work environment
3. Learn to recognize the diverse needs and learning styles of all children in today's multicultural early childhood settings
4. Learn how to be responsive to the individual and unique needs of children with special needs
5. Attain a greater assurance of job security and expand their potential for career advancement
6. Increase their computer and technology skills
7. Create a foundation for lifelong learning

Instructional Delivery System

A.A./ECE courses are delivered using an online format or a blended online/onsite model at specified sites in the state of Florida. Online courses are delivered through the WebCT platform. Blended-model students will take their early childhood courses (ECA prefix) onsite and then move into the online program for the general education portion of their curriculum. Online delivery provides access to coursework at times and places that are convenient for working professionals.

Program Completion Timeline

The formal instructional portion of the program is designed to be completed in two years, but it must be completed within five years, while students maintain employment in an educational setting.

Program Completion Requirements

To graduate, a student must (a) successfully complete all coursework and apply for degree conferral, (b) maintain a minimum 2.0 grade point average, and (c) meet all financial obligations to the University.

A.A. in Early Childhood Education Curriculum

The program of study is designed to meet the national guidelines and competencies recommended by ACCESS, NAEYC, and NCATE for the initial preparation of early childhood educators. Professional courses are intended to develop knowledge and competencies in five key areas that include: (a) child development, (b) curriculum, family, and community, (c) assessment, (d) special needs, and (e) professionalism.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

A.A. in Early Childhood Education Major Prerequisites (6 credits)

All incoming and current students who have not yet taken COMP 1500 and MATH 1030 are required to complete prerequisite courses of COMP 1000 and MATH 1000. Students may take a challenge exam, present appropriate transfer credits, or show evidence of standardized test scores to fulfill these prerequisites.

MATH 1000	Essential Mathematics (3 credits)
COMP 1000	Basic Writing (3 credits)

A.A. in Early Childhood Education Program Requirements (6 credits)

EDUC 2500	Education Pre-enrollment Seminar (0 credits)
TECH 1110	Technology in the Information Age (3 credits)
SPCH 1010	Public Speaking (3 credits)

A.A. in Early Childhood Education Major Requirements (24 credits)

Required ECA Courses (21 credits)

ECA 203	Foundations of Early Care and Education (3 credits)
ECA 205	Children with Special Needs (Birth through Age 8) (3 credits)
ECA 218	Child Observation, Record Keeping, and Assessment (3 credits)
ECA 241	Child Guidance (3 credits)
ECA 242	Foundations of Literacy Development (3 credits)
ECA 252	Managing Literacy Environments *OR* ECA 215 Creative Activities for Young Children (3 credits)
ECA 267	Literacy Development in Multilingual Communities (3 credits)

Capstone (3 credits)

ECA 285	Professional Behavior in Early Childhood (3 credits)

ECA Electives*

(These are optional courses that will not count toward fulfilling the program credit requirements.)

ECA 101	Introduction to Early Childhood Education: Professionalism, Safety, Health, and Learning Environment (CDA I) (3 credits)
ECA 112	Introduction to Early Childhood Education: Physical, Cognitive, Communication, and Creative Development (CDA II) (3 credits)
ECA 114	Introduction to Early Childhood Education: Families, Schools, and Communities (CDA III) (3 credits)
ECA 270	Administrative of Child Care and Education Programs (3 credits)

* CDA courses (ECA 101, ECA 112, and ECA 114) and ECA 270 are elective and optional 3 credit courses, but may not be used towards degree credits. ECA 270 is designed for existing or aspiring administrators and directors.

Total Credits Required for Degree Completion: 60–66 credits

Bachelor of Science
Undergraduate Teacher Education Program (UTEP)

All undergraduate teacher education programs at Nova Southeastern University are proactive programs designed to address the current and future needs of classroom educators. The aim of the Undergraduate Teacher Education Program is to prepare its graduates to enter the teaching profession as developing professionals with knowledge, dispositions, and skills in three broad domains. These domains are as follows:

Domain 1: Knowledge base and best practices: effective teaching practices including classroom management

- The teacher understands the conceptual, tools of inquiry, and structures of the discipline(s) he or she teaches and can create learning experiences that make these aspects of subject matter meaningful for students – (INTASC Principle 1/Educator Accomplished Practice 8/ ESOL Standards 1 and 7).
- The teacher plans instruction based upon knowledge of subject matter, students, the community, and curriculum goals (INTASC Principle 7/Educator Accomplished Practice 10/ ESOL Standards 4, 5, 6, 9, 12, 15, and 24).
- The teacher uses an understanding of individual and group motivation and behavior to create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation (INTASC Principle 5/Educator Accomplished Practice 9/ ESOL Standard 18).
- The teacher understands and uses a variety of instructional strategies to encourage students‘ development of critical thinking, problem solving, and performance skills (INTASC Principle 4/Educator Accomplished Practice 4).

Domain 2: Sensitivity and responsibility to diverse student needs: students‘ academic, social, and emotional needs; at-risk, ESE, ESOL learners

- The teacher understands how children learn and develop, and can provide learning opportunities that support their intellectual, social and personal development (INTASC Principle 2/Educator Accomplished Practice 7/ ESOL Standard 8).
- The teacher understands and uses formal and informal assessment strategies to evaluate and ensure the continuous intellectual, social and physical development of the learners (INTASC Principle 8/Educator Accomplished Practice 1/ESOL Standards 10, 13, 14, 19, 20, and 21.).
- The teacher understands how students differ in their approaches to learning and creates instructional opportunities that are adapted to diverse learners (INTASC Principle 3/Educator Accomplished Practice 5/ESOL Standards 2, 3, 11, 16, 17, and 25.).

Domain 3: Communication and reflection: oral and written communication skills and reflective practice, ongoing engagement in both as exemplified in partnering with parents and community

- The teacher fosters relationships with school, colleagues, parents, and agencies in the larger community to support students‘ learning and well-being (INTASC Principle 10/Educator Accomplished Practice 11/ESOL Standards 22 and 23).
- The teacher uses knowledge of effective verbal, nonverbal, and media communication techniques to foster active inquiry, collaboration, and supportive interaction in the classroom (INTASC Principle 6/ Educator Accomplished Practice 2/Educator Accomplished Practice 12/ESOL Standards 15, 16, and 17.
- The teacher is a reflective practitioner who continually evaluates the effects of his/her choices and actions on others (students, parents, and other professionals in the learning community) and who actively seeks out opportunities to grow professionally (INTASC Principle 9/ Educator Accomplished Practice 3/Educator Accomplished Practice 6/ESOL Standards 20 and 21).

UTEP Learning Outcomes

The Department of Education remains committed to the following goals:

1. Provide a quality state approved teacher preparation program that incorporates contemporary philosophies and best practices of teacher preparation.
2. Continue to ensure and enhance the quality and the consistency of program delivery on the main campus and at all off-campus locations including Las Vegas, Jamaica, Turks and Caicos Islands, and the Bahamas.
3. Implementation of the Core Adjunct/Student Meetings for undergraduate education students at all sites; These are designed to enhance students' understanding and mastery of accomplished practices and appropriate skills which apply to all majors at all locations.
4. Continue to provide instructional and supervisory support for continuing students during their Clinical Experiences and their Internship so as to ensure they are implementing and assimilating appropriate preservice teacher practices as delivered through program curricula.
5. Provide adequate resources for adjunct faculty members to improve the quality of instruction and provide opportunities for professional development. Success in this area is also dependent upon Core Adjunct/ Student meetings and the CORE adjunct faculty concept at all locations and regular inservice meetings between the ESOL Coordinator and all adjunct instructors.
6. Continue to work with school systems (and grow initiatives) e.g., Broward, Orlando and Clark County and communities to assess their needs and identify opportunities toward delivery of specially designed academic programs e.g., Prekindergarten/Primary Education and Paraprofessional Development.
7. Remain responsive to the state, federal, and international legislative demands on teaching.

Matriculation Requirements for UTEP Students

Each semester, the Undergraduate Teacher Education Program reviews the academic transcripts of all students identified as intended education majors. Upon meeting the conditions of matriculation into the Undergraduate Teacher Education Program, students will become declared education majors and will receive a letter of notification once they register for their first education course indicating their matriculation status. It is the student's responsibility to work with his or her academic advisor to meet the matriculation requirements before registering for any Benchmark II courses.

1. Florida and Nevada students must comply with the admission requirements established by the Fischler School of Education and Human Services. On admission, students declare themselves as intended education majors.
2. Florida students must earn a grade of C or better in COMP 1500, COMP 2000, MATH 1040, and MATH 1050 or their equivalents.
3. Nevada students must earn a grade of C or better in COMP 1500, COMP 2000, MATH 1030, and MATH 1040 or their equivalents.
4. Florida and Nevada students must earn a cumulative GPA of 2.5 prior to matriculation into an education major.
5. Florida and Nevada students must submit documentation that the testing requirement (General Knowledge Test, CLAST or equivalent sections of Praxis) has been met before registration for any Benchmark II education course.
6. Nevada students must submit documentation that the testing requirement of the Praxis I has been met before accumulating 24 credits at NSU.

The director of undergraduate enrollment and recruitment will hear all matriculation appeals.

Testing Requirements

Florida

The Florida Department of Education requires passing the General Knowledge Test (GKT), CLAST, or Praxis equivalents as a requirement for admission into any state-approved teacher education program. NSU's Undergraduate Teacher Education Program is a state-approved program, and therefore, the testing requirements

apply. All CLAST scores passed before July 1, 2002, can also be used for program completion. Testing entrance requirements will remain in place.

Nevada

Nevada students are required to pass the knowledge skills sections of the Praxis (or CBEST) before accumulating 24 credits at NSU. The appropriate Praxis knowledge skills sections (also known as the Paraprofessional Skills Test [PPST]) are reading, writing, and mathematics. In addition, Nevada students are required to pass the Praxis subtests for professional skills and subject area skills in order to graduate. Students are advised to confer with the local site administration as the appropriate subtests vary between the Elementary Education major and the Exceptional Student Education—Generalist major.

Matriculation into the Major

Florida preservice educators must pass all sections of the General Knowledge Test, CLAST, or equivalent sections of the Praxis before matriculating into the major and registering for any course in Benchmark II. Nevada students must pass all sections of Praxis I before accumulating 24 credits at NSU in order to matriculate. For additional information please review the matriculation requirements. All CLAST scores passed before July 1, 2002, can also be used for program completion. Testing entrance requirements will remain in place.

Prior to Internship

Florida preservice educators must pass the Florida Teacher Certification Examinations (FTCE), Professional Education Test, and General Knowledge Test to be accepted into the internship program. It is recommended that the Professional Education Test is taken upon completion of all courses with an EDUC (or EDEC for Prekindergarten/ Primary Education majors) prefix. In addition to passing the Professional Education Test and General Knowledge Test, acceptance into the internship is dependent on skill level mastery evidenced in the portfolio reviews.

Prior to the Completion of Internship

Preservice educators must pass the appropriate Florida Teacher Certification Subject Area Examination in order to complete the program. It is recommended that this test is taken as close to the completion of the ELEM, ESE, or EECP prefix courses as possible. Nevada students must pass all appropriate sections of the Praxis II to complete the program. Those who do not fulfill these testing requirements prior to the end of the internship will not have their degrees conferred. The degree can only be conferred when all passing scores have been received. No letters of completion will be issued unless all testing requirements are fulfilled and the necessary level of skill mastery has been successfully documented through the portfolio review process.

College-Level Academic Skills Test or General Knowledge Test

Either the College-Level Academic Skills Test (CLAST) or General Knowledge Test (GKT) is a requirement for entrance into a state-approved teacher education program. The General Knowledge Test is a requirement for completion of a teacher preparation program. CLAST scores passed before July 1, 2002, can be used for program completion. Any remaining sections must be taken through the General Knowledge Test.

Benchmark Management System

One intent of a state department of education (DOE) approved initial teacher preparation program is to admit students seeking a bachelor's degree with an education major as preservice teachers. The requirements of a state approved initial teacher preparation program provide learning opportunities for students to acquire and document mastery of the Interstate New Teacher Assessment and Support Consortium (INTASC) Principles/Educator Accomplished Practices at the preprofessional level. Mastery of the INTASC Principles/Educator Accomplished Practices prepares preservice teachers not only for entry into the profession but also to be successful educators in their future classrooms for years to come. One method of documentation of the mastery of the INTASC Principles/Educator Accomplished Practices is through the use of a portfolio assessment system. At the

undergraduate level at Nova Southeastern University, the portfolio assessment system is referred to as the Benchmark Management System.

Courses are to be taken in the required sequence and are identified in the four blocks or benchmarks. Each of the courses in a block or benchmark has at least one assignment identified as a critical task and is the evidence of skill acquisition/mastery of the specified INTASC Principles/Educator Accomplished Practice(s), Professional Competencies, Subject Area Competencies and ESOL Standards. The critical tasks/evidences are to be maintained in an individual preservice teacher Portfolio. Instructions for the design of the portfolio may be viewed at *www.nova.edu/~karpj/making_a_portfolio.htm*.

The portfolio is formally reviewed twice by a full-time faculty member and one time by the Director of Placement Services (or designee).

- The initial review occurs when a preservice teacher is registered for EDUC 4320 Classroom Management of Typical/Atypical Learners in the Multicultural Classroom. This review covers the competencies documented in critical tasks/evidences from Benchmark I and Benchmark II learning experiences.
- The second review occurs at the middle of Benchmark IV. This review covers the competencies documented in critical tasks/evidences from Benchmark III and the first half of Benchmark IV learning experiences.
- The third review which serves as a final step toward degree conferral, occurs at the completion of EDUC 4570 Internship/Seminar. This review covers the competencies documented in critical tasks/evidences from the last half of Benchmark IV and the internship learning experiences.

All critical tasks are evidences of acquisition/mastery of the INTASC Principles/Educator Accomplished Practices, et. al., and will be rated during a review session as ~~"~~meets," ~~"~~exceeds," or ~~"~~does not meet" the intended expectations of the assignment with regard to skill acquisition or mastery of the identified skills at the specified level of competence at that point within the program. Results of the review are entered into the assessment management system whereby reports are pulled by administrators and full-time faculty of the Undergraduate Teacher Education Program for specific review to ascertain if each preservice teacher is successfully progressing through the program in comparison to one's self, in comparison to the group, and in comparison to preservice teachers in the undergraduate initial teacher preparation program at Nova Southeastern University.

Each assignment that has been identified in a course syllabus as a critical task/evidence, is rated by the instructor of the course through the use of a scoring rubric. Each critical task must receive a score of B- or higher to receive a rating of ~~"~~meets" (B-, B, B+) or ~~"~~exceeds" (A-, A) during a portfolio review session. Critical tasks with a score of C+ or lower indicate the work level does not meet or exceed the expected skill level for that point in time in the program and, as a result, remediation must occur.

It is the responsibility of the undergraduate state approved initial teacher preparation program to provide remediation opportunities as appropriate as skill acquisition is cumulative in order to achieve mastery. A preservice teacher will not be allowed to continue through the program or to achieve degree conferral status without successful remediation of any skills identified as an area of weakness either at the assignment/course level or at the critical task/evidence level during a portfolio review. Remediation at the assignment/course level occurs under the leadership of the course instructor. Remediation at the critical task/evidence level occurs under the leadership of an assigned fulltime faculty member via email, compressed video, WebCT and/or phone contact.

Degree Completion Requirements

Students graduating from a Florida state-approved education program must pass all parts of the Florida Teacher Certification Education Exam (FTCE) to complete the program. The FTCE is composed of the CLAST* or General Knowledge Test, the Professional Education Test and the Subject Area Examination. The CLAST* (or Praxis I) or General Knowledge Test (GKT) is required for admission into the state-approved program. The preferred test required for admission into the state-approved program is the General Knowledge Test. The Professional Education Test, Subject Area Examination, and General Knowledge Test are required to complete the program. The Professional Education Test of the FTCE must be taken after all courses with an EDUC prefix or EDEC prefix for Prekindergarten/Primary Education majors (except for internship/seminar) have been completed. A passing score is required to receive internship placement.

Students graduating from a Nevada state-approved education program must pass all parts of the Praxis Examination to complete the program. The Praxis I tests measure basic academic skills, and the Praxis II tests measure general and subject-specific knowledge skills and teaching skills. The Praxis I test is required before accumulating 24 credits in the major. Passing scores on the Praxis II test (general and subject-specific knowledge) is required to receive internship placement. Passing scores on the Praxis II tests (teaching skills) are required for degree completion.

The Subject Area Exam of the FTCE must be taken after all courses with an ELEM, ESED, or EECP prefix (except for ELEM 4560, or EECP 4560) have been completed. The Subject Area Exam of the FTCE may be taken during the internship experience.

In addition to passing test scores, evidence of skill acquisition/mastery of the required national and state competencies must be reflected at the ―meets" or ―exceeds" level during each of the formal portfolio review sessions and must be documented at intervals throughout the program. Documentation of skill acquisition/mastery is a program completion requirement of a state approved initial teacher program. Remediation is required to strengthen any skills identified as an area of weakness during the portfolio review process. Remediation must be successful prior to advancement into the next level of program. A final review of skill acquisition/mastery and any needed remediation is part of the degree conferral process.

It is the student's responsibility to register for, and pass, the exams in a timely fashion. Placement for the internship (passing score on the Professional Education Test, General Knowledge Test, and portfolio review results) or degree conferral (passing score on Subject Area Examination, General Knowledge Test and portfolio review results) will be postponed for any preservice teacher who lacks passing test scores and the required skill mastery. It is the responsibility of the Undergraduate Teacher Education Program to design appropriate activities needed for remediation and to require that passing scores on both the Professional Education and Subject Area Exams and documentation of skill mastery be on file prior to degree conferral.

Passing scores on all parts of the FTCE as a component of program completion is a state law in Florida; as such, this requirement cannot be waived. Documentation of successful mastery of required skill competencies as a program of degree completion is a state law in Florida; as such, this requirement cannot be waived. These requirements apply to every degree-seeking student in a state-approved program.

*Only CLAST scores passed before July 1, 2002, will be accepted in lieu of the General Knowledge Test. Otherwise, all areas of the GKT must be passed to meet the program completion requirements.

Additionally, students are required to maintain a 2.5 grade point average to successfully exit the program.

Course Load Policy

Students enrolled in the Undergraduate Teacher Education Program at NSU are full-time students if they are registered and complete 12 credits (four courses) per 16-week semester. If a matriculated student wishes to take additional general education courses other than what is prescribed in the benchmark per 16-week semester, they must consult with their academic advisor to comply with the following requirements:

- Students must have successfully completed all writing and mathematics general education requirements.
- Students must provide passing scores on all parts of the GKT, CLAST, or the equivalent Praxis sections.
- Students must have a GPA of 3.0 or higher in the major.

A student may be allowed to take 15–18 credits during a 16-week semester, under the following circumstances:

- The previous criteria are met.
- The student is not employed full-time.

No education major, for any reason, will be permitted to take more than 18 credits during a 16-week term.

Registration Requirements

Students in the state-approved bachelor's degree programs who intend to be education majors must meet with their academic advisor to register for the upcoming term. This registration appointment ensures students enough time to regularly review curricular requirements with their academic advisor. Courses in the education major must be taken in sequence. All general education courses must be successfully completed prior to taking any educational courses in Benchmark II.

Students are encouraged to start the registration process for an upcoming term several months in advance to ensure enough time to meet with their academic advisor and prepare for the first class session. Each course in the education major has a pre-class assignment due during the first class meeting. First class assignments can be obtained at *www.schoolofed.nova.edu/undergraduate/syllabi*. Preservice teachers are expected to have prepared properly for the first class session by having completed the pre-assignment. Attendance is mandatory for all class sessions. Lack of an appointment time with an academic advisor will not negate any late registration fees that may apply, nor will it negate the requirements of the pre-class assignment or attendance in class for the first session.

Preservice Teacher Meetings

The Undergraduate Teacher Education Program requires all students to attend Preservice Teacher Meetings which are held twice a year at the Main Campus as well as at all Student Educational Centers. The purpose of these meetings is to keep all preservice teachers informed of Undergraduate Teacher Education Program policies, state department of education updates and to inform students of upcoming portfolio reviews. In addition, these meetings allow students to ask questions of full-time faculty members and representatives from the Office of Placement Services on issues concerning their respective programs of study. Attendance at the Preservice Teacher Meetings is mandatory.

Adjunct Faculty Meetings

The Undergraduate Teacher Education Program requires all adjunct faculty members to attend Adjunct Faculty Meetings which are held twice a year (Fall and Winter terms) at the Main Campus as well as at all Student Educational Centers. These meetings allow the adjunct faculty to interact with full-time faculty and permit them opportunities to make suggestions on improving the curricular offerings in the undergraduate programs for which they teach.

Clinical Experiences

Clinical experiences have long been recognized as a critical component of teacher preparation programs. These experiences enable preservice educators to apply theory and effective practices in actual classrooms and acquire competencies necessary for successful teaching. Preservice educators learn from both their successes and mistakes when supported by caring teachers in a positive, nurturing environment.

Nova Southeastern University is committed to providing quality clinical experiences for all education majors as an integral part of preservice training. Underlying this commitment is the philosophy that clinical experiences provide a vital link between educational theory and practice. When a transfer of learning occurs from the university classroom to a real-life setting, the connection significantly contributes to the professional development of the preservice educator. Consequently, all participants are enriched by these experiences. All clinical experiences (in Florida) are required to be conducted in classrooms under the leadership of a cooperating teacher who has taught successfully for a minimum of three years and who has had the Clinical Educator Training and demonstrated mastery of classroom management skills at the professional level as required by the Florida State Department of Education.

The Florida State Legislature has mandated that all education majors in college/university initial teacher preparation programs participate in a variety of clinical experiences. Clinical experiences must begin early in the program and culminate with the final internship. During these experiences, preservice educators should be given the opportunity to demonstrate their understanding of the INTASC Principles/Educator Accomplished Practices and Subject Area Competencies. In addition, preservice educators must be provided with guidance and feedback in the clinical setting.

All education courses in Nova Southeastern University's Undergraduate Teacher Education Program curriculum require a ten (10) hour clinical experience component. The clinical experiences vary depending on the competencies and INTASC Principles/Educator Accomplished Practices required in the course. A supervised clinical experience occurs in Benchmarks II. If it is determined that remediation is needed as a result of the supervised clinical experience, follow-up supervision will take place in subsequent courses.

Internship

The internship experience is the final phase of the NSU Undergraduate Teacher Education Program. This 16-week course includes seminar meetings and 12 weeks of teaching in an area school. Students will be placed at a school site by the internship coordinator in collaboration with school district placement specialists. Preservice teachers will gradually assume full responsibility for teaching the class to which they are assigned. The EDUC 4570 Internship/Seminar is offered each academic year in the fall and winter semesters at all sites. It is also offered in Las Vegas during the summer term.

EDUC 4570 is a required 12-credit course for all education majors and must be completed at NSU. Students must earn a C or better in the Internship/Seminar for program completion. Since it is the terminal course for the degree, it cannot be transferred from another institution, nor can experience be substituted to satisfy this requirement.

The Florida Board of Education's Administrative Rule 6A-4.002 allows some full-time administrative or teaching experience to be substituted for some coursework, but it does not permit this experience in lieu of student teaching for purposes of initial certification. Substitute teaching or teacher-assistant positions are not considered full-time teaching and will not be considered for substitution of course work.

Internship Application

It is the preservice teacher's responsibility to complete and submit the internship application before the deadline. Students can fill out the internship application online at *www.fgsnet.nova.edu/ugradedu/internship/webform1.aspx*.

Fall semester deadline – February 1
Winter semester deadline – August 1

After the application is received, the applicant's file is reviewed for completion of all requirements. Preservice teachers will receive a copy of a completed *Senior Audit* with a letter indicating their internship status (conditionally approved or denied). The internship coordinator develops a final list of student interns for that semester and supplies it to the academic advisor for registration at least one month before the internship start date. At that time, students will register for the EDUC 4570 Internship/Seminar in a Group Internship Registration meeting. Prior to this meeting, portfolios will be formally reviewed for a second time.

Internship dates are published in the *Academic Calendars* section of the catalog. If a preservice teacher does not meet the above requirements, the internship application will be denied until all requirements are met.

Preservice teachers should refer to the *Internship Handbook* for a complete explanation of policies and procedures covering the internship program. All questions about the internship program should be directed to the Undergraduate Teacher Education Program at (954) 262-8422 or (954) 262-7905.

Internship Qualifications

A preservice teacher is considered eligible for the internship if he/she has met the following criteria:

- Earned the appropriate credits (including all general education requirements, all program requirements, and all courses required for the major, except the internship)
- A minimum overall GPA of 2.5
- Passed all specified testing requirements (CBEST, CLAST, GKT, Praxis, Professional Education Test)
- Provided appropriate documentation/evidence of skill acquisition/mastery of required program competencies as a result of the portfolio reviews

Las Vegas students must pass the Praxis I or CBEST at least one month before the start of the internship.

UTEP Programs of Study

The Fischler School of Education and Human Services UTEP offers the following academic programs:

Bachelor of science degree with the following majors:

Applied Professional Studies (APS) with a concentration in Teaching and Learning
Education with a concentration in Child Development
Elementary Education
Exceptional Student Education
Prekindergarten/Primary Education (Age Three through Grade Three)
Secondary Education with a concentration in Biology
Secondary Education with a concentration in Math

Minors:

Education
Speech-Language Pathology

Add-on Endorsement Areas in ESOL and Driver Education

Applied Professional Studies Major (APS) with a Concentration in Teaching and Learning

Nova Southeastern University's Undergraduate Teacher Education Program, in cooperation with selected teacher preparation institutions in Jamaica and the Jamaica Teachers' Association (JTA), has developed a bachelor of science degree completion program in applied professional studies (APS) with a concentration in teaching and learning. The APS/Teaching and Learning program was designed for substantial transfer of previous college credit for general requirements and electives. The curriculum builds on the foundations and skills already learned from the completion of a teaching diploma in primary education from a teachers' college in Jamaica.

The student resource center in Kingston, Jamaica, houses 16 computers, all with access to the Internet and to NSU's Electronic Library. An academic program manager is available for advising issues, and tutors are available when appropriate. A 14-station computer lab at the Jamaica Teacher's Association (JTA) Montego Bay office is available to all NSU students.

APS with a Concentration in Teaching and Learning Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

APS with a Concentration in Teaching and Learning Program Requirements (15 credits)

Any HIST elective (3 credits)
Any PSYC elective (3 credits)
SPCH 1010, 2020, or 2030 (3 credits)
Any ARTS elective (3 credits)
Any ARTS elective (3 credits)

APS with a Concentration in Teaching and Learning Major Requirements (41 credits)
Program coursework consists of a total of 41 credits that include credits in the teaching and learning concentration and a one-credit science lab.

Courses in the APS: Teaching and Learning program include:
CONCENTRATION II NSU—Teaching and Learning (41 credits)

EDUC 2500	Education Pre-enrollment Seminar (0 credits)
EDUC 3325	Using Technology Tools and Resources (1 credit)
EDUC 3326	Integrating Instructional Technology in the Classroom (3 credits)
EDUC 4321	Classroom Management through Conflict Resolution (3 credits)
ELEM 4331	Mathematics Curriculum For Elementary Education (3 credits)
ELEM 3533	Science Curriculum for Elementary Education (3 credits)
ELEM 3531	Science Curriculum for Elementary Education Lab (1 credit)
ELEM 3543	Student Centered Instruction and Assessment (3 credits)
EDUC 3351	Survey of Exceptional Student Education (3 credits)
ELEM 4361	Methods of Teaching Literacy in Elementary School (3 credits)
ELEM 4541	Reading Assessment (3 credits)
ELEM 4561	Methods of Teaching Reading Across Elementary Curriculum (3 credits)
ESED 4390	Curriculum for Learning Abilities (3 credits)
EDUC 4970	Advanced Special Topics in Education (3 credits)
ESOL 3341	Survey of TESOL for Teachers (3 credits)
EDUC 3120	Public Communication in the Classroom (3 credits)

Majors in Education

Education Major with a Concentration in Child Development (BSCD)

The Bachelor of Science in Education with a concentration in Child Development (BSCD) Program is aimed at providing professional preparation for those interested in working in a variety of capacities in the field of early childhood. The major emphasis of the child development program is in the early childhood years (Birth–Age Eight).

This program features child development courses offered through the Fischler School of Education and Human Services, general education courses offered through the Farquhar College of Arts and Sciences, and elective courses offered in collaboration with the Mailman Segal Institute (MSI). The BSCD program is not designed to lead to certification or licensure.

Education Major with a Concentration in Child Development Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

BSCD Program Requirements (12 credits)

EDUC 2500	Education Pre-enrollment Seminar (0 credits)
TECH 1110	Technology in the Information Age (3 credits)
SPCH 1010	Public Speaking (3 credits)
EECP 3330	Integrating Instructional Technology in the Classroom (3 credits)
ESOL 2903	Cross Cultural Studies (3 credits)

BSCD Major Requirements: Child Development (Birth–Age Eight) (66–69 credits)

Lower Division (27 credits)

Block I

ECA 203	Foundations of Early Care and Education (3 credits)
ECA 205	Children with Special Needs (Birth through Age 8) (3 credits)
ECA 215	Creative Activities for Young Children (3 credits)
ECA 241	Child Guidance (3 credits)
ECA 242	Foundations of Literacy Development (3 credits)

Block II

ECA 218	Child Observation, Record Keeping, and Assessment (3 credits)
ECA 252	Managing Literacy Environments (3 credits)
ECA 267	Literacy Development in Multilingual Communities (3 credits)
ECA 285	Professional Behavior in Early Childhood (3 credits)

Upper Division (42 credits)

Block III

ECDP 3321	Child Development: Prenatal, Infancy and Toddler Years (Birth – Age 3) (3 credits)
ECDP 3334	Child Development during the Preschool and Primary Age Years (Ages 4 – 8) (3 credits)
ECDP 3338	Diversity and Multiculturalism in Child Development (3 credits)
ECDP 3340	Psychosocial Development during the Preschool Years (3 credits)
ECDP 3500	Field-based Experiences in Child Development: Assessment I (0 credits)

Block IV
ECDP 3345 Parent-Child Relationship during the Early Childhood Years (3 credits)
ECDP 3349 Fatherhood: Cross-Cultural Perspectives (3 credits)
EDEC 4320 Cultural Diversity and Family-Community Development (3 credits)
ECDP 4423 Issues in Child Abuse and Neglect (3 credits)
ECDP 4100 Field-based Experiences in Child Development: Assessment II (0 credits)

Additional Core Courses (6 credits)
EECP 4330 Health, Nutrition, Safety and Physical Development in Early Childhood (3 credits)
ECDP 4500 Field-based Experiences in Child Development: Assessment III (0 credits)
ECDP 4990 Advanced Senior Year Seminar (3 credits)

Emphasis (12 credits)

*Administration of Early Childhood Education*** (12 credits)
*Child Development Associate***, *** (9 credits)
Children with Special Needs (12 credits)
Developmental Curriculum (12 credits)
Early Literacy (12 credits)
*Infant–Toddler Development*** (12 credits)
Behavioral Analysis (12 credits)
Speech-Language Pathology (12 credits)

Open Electives (9 credits)

Total Credits Required for Degree Completion: 120 credits

* Prerequisites
** These courses are offered in collaboration with the Mailman Segal Institute.
*** The curriculum for the Child Development Associate (CDA) area of emphasis includes 9 credits of CDA coursework and 3 credits of coursework from one of the other areas of emphasis.

Elementary Education Major

The elementary education major prepares preservice teachers to teach children in a school setting, grades kindergarten through six (K-6). This program provides a firm foundation in liberal arts, professional knowledge, and subject area knowledge, preparing students to perform effectively, efficiently, and creatively in their future classrooms.

Elementary Education Major Curriculum—Florida

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Elementary Education Program Requirements—Florida (15 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
SPCH 1010 Public Speaking (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)
ESOL 2903 Cross-Cultural Studies (3 credits)

Elementary Education Major Requirements—Florida (63 credits)

Preservice teachers in the state-approved program in the elementary education major must also keep track of program benchmarks with courses in the program. There are four benchmarks, coinciding with four blocks in the state-approved program. At these four benchmarks, preservice teachers provide documentation showing completion of program requirements. A supervised clinical experience occurs in a benchmark II course. For specific requirements of each benchmark, see the course description for EDUC 4501.

Benchmark I

EDUC 3330 Integrating Instructional Technology in the Classroom (3 credits)
ESOL 3340 Survey of TESOL for Teachers (3 credits)
EDUC 3350 Survey of Exceptional Student Education (3 credits)
EDUC 3360 Educational Psychology (3 credits)

Benchmark II

EDUC 3520 Principles and Practices of Instruction and Assessment I (3 credits)
ELEM 3530 Methods of Teaching Social Studies in the Elementary School (3 credits)
ELEM 3540 Principles and Practices of Instruction and Assessment II (3 credits)
ELEM 3550 Methods of Teaching Science in the Elementary School (3 credits)
ESED 3561 Families, Professionals, and Exceptionality (3 credits)

EDUC 4001 Benchmark III

EDUC/ESED 4320 Classroom Management for Typical and Atypical Learners in Multicultural Classrooms (3 credits)
ELEM 4340 Methods of Teaching Language Arts through Children's Literature in the Elementary School (3 credits)
ELEM 4350 Methods of Teaching Mathematics in the Elementary School (3 credits)
ELEM 4360 Methods of Teaching Literacy in the Elementary School (3 credits)

EDUC 4501 Benchmark IV

EDUC 4200 Simulation Experience-Diversity (0 credits)
ELEM 4530 Integrating Art, Music, and Health Education Across the Curriculum (3 credits)
ELEM 4540 Reading Assessment I (3 credits)
ELEM 4560 Methods of Teaching Reading across the Elementary Curriculum (3 credits)
ESOL 4565 Second Language Learning: Theory, Method and Evaluation (3 credits)

EDUC 4570 Internship/Seminar (12 credits)

Open Electives (12 credits)

Total Credits Required for Degree Completion: 120 credits

Elementary Education Major Curriculum—Nevada

The degree requirements for Nevada students are the same degree requirements for all students seeking a bachelor of science degree in their majors with NSU except for specific differences required to meet licensure needs by the Nevada Department of Education. The following general education requirements are currently in effect. Please consult the undergraduate Division of Education for the latest information about specific program requirements for general education.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Elementary Education Program Requirements—Nevada (15–17 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
Nevada Law School COURSE OR EXAM (0–2)
Any HIST elective—American History preferred (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
SPCH 1010 Public Speaking (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)

Elementary Education Major Requirements—Nevada (69 credits)

Students in the major must also keep track of program benchmarks simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks in the state-approved programs. At these four benchmarks, students provide documentations showing completion of the program requirements. For specific requirements for each benchmark, see the courses description for EDUC 4501 or see an academic advisor.

Benchmark I
EDUC 3330 Integrating Instructional Technology in the Classroom (3 credits)
EDUC 3350 Survey of Exceptional Student Education (3 credits)
EDUC 3360 Educational Psychology (3 credits)

Benchmark II
EDUC 3520 Principles and Practices of Instruction and Assessment I (3 credits)
ELEM 3530 Methods of Teaching Social Studies in the Elementary School (3 credits)
ELEM 3532 Science Curriculum for Elementary Education Majors (3 credits)
ELEM 3540 Principles and Practices of Instruction and Assessment II (3 credits)
ELEM 3550 Methods of Teaching Science in the Elementary School (3 credits)

EDUC 4001 Benchmark III
EDUC/ESED 4320 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom (3 credits)
ELEM 4330 Mathematics Curriculum for Elementary Education Majors (3 credits)
ELEM 4340 Methods of Teaching Language Arts through Children's Literature in the Elementary School (3 credits)
ELEM 4350 Methods of Teaching Mathematics in the Elementary School (3 credits)
ELEM 4360 Methods of Teaching Literacy in the Elementary School (3 credits)

EDUC 4501 Benchmark IV
EDUC 4200 Simulation Experience-Diversity (0 credits)
ELEM 4530 Integrating Art, Music, and Health Education Across the Curriculum (3 credits)
ELEM 4540 Reading Assessment I (3 credits)
ELEM 4560 Methods of Teaching Reading across the Elementary Curriculum (3 credits)

ESOL Courses
ESOL 2903 Cross Cultural Studies (3 credits)
ESOL 4901 Methods of Teaching ESOL (3 credits)
ESOL 4902 Curriculum and Materials Development (3 credits)

EDUC 4570 Internship/Seminar (12 credits)

Open Electives (4 or 6 credits)

Total Credits Required for Degree Completion: 120 credits

Exceptional Student Education Major

The exceptional student education major prepares preservice teachers to work with students with mildly handicapping conditions. The specialty prepares students to obtain state certification for teaching in grades kindergarten through twelve (K-12).

Exceptional Student Education Major Curriculum—Florida

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Exceptional Student Education Program Requirements—Florida (15 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
SPCH 1010 Public Speaking (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)
ESOL 2903 Cross-Cultural Studies (3 credits)

Exceptional Student Education Major Requirements—Florida (72 credits)

Preservice teachers in the state-approved program in the exceptional student education major must also keep track of program benchmarks and clinical experiences simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks in the state-approved program. At these four benchmarks, preservice teachers provide documentation showing completion of program requirements. A supervised clinical experience occurs in a benchmark II course. For specific requirements of each benchmark, see the course description for EDUC 4501.

Benchmark I
EDUC 3330 Integrating Instructional Technology in the Classroom (3 credits)
ESOL 3340 Survey of TESOL for Teachers (3 credits)
EDUC 3350 Survey of Exceptional Student Education (3 credits)
EDUC 3360 Educational Psychology (3 credits)

Benchmark II
EDUC 3520 Principles and Practices of Instruction and Assessment I (3 credits)
ESED 3530 Educational Assessment of Exceptional Students (3 credits)
ESED 3540 Introduction to Language Development and Speech Disabilities (3 credits)
ESED 3550 Vocational/Functional Life Skills (3 credits)
ESED 3570 Foundations of Learning Disabilities (3 credits)
ESED 3561 Families, Professionals and Exceptionality (3 credits)

EDUC 4001 Benchmark III
EDUC/ESED 4320 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom (3 credits)
ELEM 4340 Methods of Teaching Language Arts through Children's Literature in the Elementary School (3 credits)
ELEM 4350 Methods of Teaching Mathematics in the Elementary School (3 credits)
ELEM 4360 Methods of Teaching Literacy in the Elementary School (3 credits)
ESED 4360 Classroom Procedures for the Emotionally Handicapped (3 credits)

EDUC 4501 Benchmark IV
EDUC 4200 Simulation Experience-Diversity (0 credits)

ESED 4530 Classroom Procedures for the Mentally Handicapped (3 credits)
ELEM 4540 Reading Assessment I (3 credits)
ESED 4550 Methods and Materials for Teaching SLD Learners (3 credits)
ELEM 4560 Methods of Teaching Reading across the Elementary Curriculum (3 credits)
ESOL 4565 Second Language Learning: Theory, Method, and Evaluation (3 credits)

EDUC 4570 Internship/Seminar (12 credits)

Open Electives (3 credits)

Total Credits Required for Degree Completion: 120 credits

Exceptional Student Education Curriculum—Nevada

The degree requirements for Nevada students are the same degree requirements for all students seeking a bachelor of science degree in their majors with NSU except for specific differences required to meet licensure needs by the Nevada Department of Education. The following general education requirements are currently in effect. Please consult the Undergraduate Teacher Education Program for the latest information about specific program requirements for general education.

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Exceptional Student Education Program Requirements—Nevada (15–17 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
Nevada Law School COURSE OR EXAM (0–2)
Any HIST elective—American History preferred (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
SPCH 1010 Public Speaking (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)

Exceptional Student Education Major Requirements—Nevada (69 credits)

Students in the major must also keep track of program benchmarks simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks in the state-approved programs. At these four benchmarks, students provide documentations showing completion of the program requirements. For specific requirements for each benchmark, see the course description for EDUC 4501 or see an academic advisor.

Benchmark I
EDUC 3330 Integrating Instructional Technology in the Classroom (3 credits)
EDUC 3350 Survey of Exceptional Student Education (3 credits)
EDUC 3360 Educational Psychology (3 credits)

Benchmark II
EDUC 3520 Principles and Practices of Instruction and Assessment I (3 credits)
ESED 3530 Educational Assessment of Exceptional Students (3 credits)
ESED 3540 Introduction to Language Development and Speech Disabilities (3 credits)
ESED 3550 Vocational/Functional Life Skills (3 credits)
ESED 3570 Foundations of Learning Disabilities (3 credits)
ESED 3561 Families, Professionals, and Exceptionality (3 credits)

EDUC 4001 Benchmark III

EDUC/ESED 4320 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom (3 credits)
ELEM 4340 Methods of Teaching Language Arts through Children's Literature in the Elementary School (3 credits)
ELEM 4350 Methods of Teaching Mathematics in the Elementary School (3 credits)
ELEM 4360 Methods of Teaching Literacy in the Elementary School (3 credits)
ESED 4360 Classroom Procedures for the Emotionally Handicapped (3 credits)

EDUC 4501 Benchmark IV

EDUC 4200 Simulation Experience-Diversity (0 credits)
ESED 4530 Classroom Procedures for the Mentally Handicapped (3 credits)
ELEM 4540 Reading Assessment I (3 credits)
ESED 4550 Methods and Materials for Teaching SLD (3 credits)
ELEM 4560 Methods of Teaching Reading across the Elementary Curriculum (3 credits)
ESOL 2903 Cross Cultural Studies (3 credits)
EDUC 4570 Internship/Seminar (12 credits)

Open Electives (4–6 credits)

Total Credits Required for Degree Completion: 120 credits

Prekindergarten/Primary Education (Age Three through Grade Three) Major

The prekindergarten/primary education major combines theoretical components with practical application. Students in this degree program will have extensive clinical experiences in the community and in local schools (prekindergarten/primary, age three through grade three). An emphasis is placed on the appropriate uses of technology. The program design incorporates all newly required competencies leading to certification in the state of Florida in the area of prekindergarten/primary, age three to grade three. This major is a state-approved program of the Florida Department of Education.

Prekindergarten/Primary Education Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Prekindergarten/Primary Education Program Requirements (15 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
SPCH 1010 Public Speaking (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)
ESOL 2903 Cross-Cultural Studies (3 credits)

Prekindergarten/Primary Education Major Requirements (72 credits)

Preservice teachers in the prekindergarten/primary education (age three through grade three) major must also keep track of program benchmarks and clinical experiences simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks. At these four benchmarks, preservice teachers provide documentation showing completion of program requirements. A supervised clinical experience occurs in a benchmark II course. For specific requirements of each benchmark, see the course description for EDUC 4501.

Benchmark I

EDEC 3320	Sociological Foundations of Early Childhood Education (3 credits)
EECP 3330	Integrating Instructional Technology in the Classroom (3 credits)
EDEC 3350	Meeting the Special Needs of All Students (3 credits)

Benchmark II

EDEC 3520	Families in Early Childhood Programs: Challenges and Opportunities (3 credits)
EDEC 3530	Diagnosis, Assessment, and Evaluation of Young Children (3 credits)
EDUC 3350	Survey of Exceptional Student Education (3 credits)
EECP 3550	Child Guidance and Classroom Management (3 credits)

EDUC 4001 Benchmark III

EDEC 4320	Cultural Diversity and Family-Community Development (3 credits)
EECP 4330	Health, Nutrition, Safety, and Physical Development in Early Childhood (3 credits)
EECP 4340	Developmentally Appropriate Practices for Teaching Literacy and Language Arts in Early Childhood Education (3 credits)
EECP 4345	Principles and Practices of Reading and Language Arts Assessment in Early Childhood Education (3 credits)

EDUC 4501 Benchmark IV

EDUC 4200	Simulation Experience-Diversity (0 credits)
EECP 4520	Developmentally Appropriate Practices for Teaching Reading in Early Childhood (3 credits)
EECP 4530	Developmentally Appropriate Practices for the Integration of Creative Arts Across the Early Childhood Curriculum (3 credits)
EECP 4545	Developmentally Appropriate Practices for Integrating Math and Science in Early Childhood Education (3 credits)
EECP 4550	Developmentally Appropriate Practices for Teaching Social Studies in Early Childhood (3 credits)
EECP 4560	Integrating Literacy Throughout the Early Childhood Curriculum (3 credits)

ESOL Courses (12 credits)

ESOL 4901	Methods of Teaching ESOL (3 credits)
ESOL 4902	ESOL Curriculum and Materials Development (3 credits)
ESOL 4904	Linguistics for ESOL Educators (3 credits)
ESOL 4905	Testing and Evaluation in ESOL (3 credits)
EDUC 4570	Internship/Seminar (12 credits)

Open Electives (3 credits)

Total Credits Required for Degree Completion: 120 credits

Secondary Education Major with a Concentration in Biology

Nova Southeastern University (NSU) Fischler School of Education and Human Services (FSEHS) began offering a new degree in secondary school biology education in the fall term of 2007. In addition to a comprehensive set of pedagogical courses specifically designed for biology instruction, there is a specialty component with a variety of science courses composing the content of the secondary biological sciences based on the Florida Sunshine State Science Standards and the current state-wide assessment in the sciences at grades 8 and 11. Biology certification is a generic certification that allows teachers to provide instruction at the middle school level as well as many biological and environmental courses at the high school level.

Secondary Education Major with a Concentration in Biology Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Secondary Education with a Concentration in Biology Program Requirements (15 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
SPCH 1010 Public Speaking (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)
ESOL 2903 Cross-Cultural Studies (3 credits)

Secondary Education with a Concentration in Biology Major Requirements (68 credits)

Core Courses
EDUC 3330 Instructional Technology (3 credits)
ESOL 3340 Survey of TESOL for Teachers (3 credits)
EDUC 3350 Survey of Exceptional Student Ed (3 credits)
EDUC 3360 Educational Psychology (3 credits)

EDUC 4001 Benchmark III
EDUC 3520 Principles and Practices I (3 credits)
SECE 3550 Methods/Teaching Secondary Science (3 credits)
EDUC/ESED 4320 Classroom Management (3 credits)

EDUC 4501 Benchmark IV
EDUC 4200 Simulation Experience-Diversity (0 credits)
SECE 4560 Methods/Teaching Secondary Reading (3 credits)
ESOL 4565 Second Language Learning (3 credits)

Biology Specialty Courses
CHEM 1150 Essentials of Chemistry *OR* CHEM 1100 Fundamentals of Chemistry (3 credits)
BIOL 1070 Basics in Human Heredity (3 credits)

Choose four credits from the following three selections:
BIOL 1450 General Biology I (3 credits)
BIOL 1451 General Biology I Lab (1 credits)
BIOL 1500 Biology I/ Lab (4 credits)

Choose four credits from the following three selections:
BIOL 1460 General Biology II (3 credits)
BIOL 1461 General Biology II Lab (1 credits)
BIOL 1510 Biology II/ Lab (4 credits)

BIOL 2400 Applied Microbiology (3 credits)

Choose four credits from the following three selections:
BIOL 3150 Fundamentals of Ecology (3 credits)
BIOL 3151 Fundamentals of Ecology Lab (1 credits)
BIOL 3200 General Ecology/ Lab (4 credits)

Choose five credits from the following three selections:
BIOL 3250 Comparative Vertebrate Anatomy and Physiology (3 credits)
BIOL 3251 Comparative Vertebrate Anatomy and Physiology Lab (2 credits)
BIOL 3312 Human Anatomy and Physiology / Lab (5 credits)

BIOL 3340 Instrumentation and Laboratory Techniques (3 credits)

EDUC 4570 Internship/Seminar (12 credits)

Open Electives (9 credits)

Total Credits Required for Degree Completion: 122 credits

Secondary Education Major with a Concentration in Math

Nova Southeastern University (NSU) Fischler School of Education and Human Services (FSEHS) began offering a new degree in secondary school mathematics education in the fall term of 2007. In addition to a comprehensive set of pedagogical courses specifically designed for math instruction and assessment, there is a specialty component with a variety of mathematics courses composing the content of the secondary mathematics based on the Florida Sunshine State Mathematics Standards, and the current state-wide assessment in mathematics at grades 8–10. Mathematics certification is a generic certification that allows teachers to provide instruction at both the middle school level as well as at the high school level.

Secondary Education Major with a Concentration in Math Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Secondary Education with a Concentration in Math Program Requirements (15 credits)

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
Any LITR elective (3 credits)
SPCH 1010 Public Speaking (3 credits)
Computer Literacy or TECH 1110 Technology in the Information Age (3 credits)
EDUC 1100 Exploration of the Education Profession (3 credits)
ESOL 2903 Cross-Cultural Studies (3 credits)

Secondary Education with a Concentration in Math Major Requirements (65 credits)

Core Courses
EDUC 3330 Instructional Technology (3 credits)
ESOL 3340 Survey of TESOL for Teachers (3 credits)
EDUC 3350 Survey of Exceptional Student Ed (3 credits)
EDUC 3360 Educational Psychology (3 credits)

EDUC 4001 Benchmark III
EDUC 3520 Principles and Practices I (3 credits)
SECE 4350 Methods/Teaching Math in Secondary School (3 credits)
EDUC/ESED 4320 Classroom Management (3 credits)

EDUC 4501 Benchmark IV
EDUC 4200 Simulation Experience-Diversity (0 credits)
SECE 4560 Methods/Teaching Secondary Reading (3 credits)
ESOL 4565 Second Language Learning (3 credits)

Math Specialty Courses

MATH 1200	Pre-calculus Algebra (3 credits)
MATH 1250	Trigonometry (3 credits)
MATH 2100	Calculus I (4 credits)
MATH 2200	Calculus II (4 credits)
MATH 3020	Applied Statistics (3 credits)
MATH 3250	Euclidean Geometry (3 credits)
MATH 3300	Introductory Linear Algebra (3 credits)
MATH 3350	Number Theory (3 credits)
EDUC 4570	Internship/Seminar (12 credits)

Open Electives (12 credits)

Total Credits Required for Degree Completion: 122 credits

Minors in Education

Education Minor

There is consistent growth nationally in the need for elementary level, exceptional student education, and secondary level content area teachers. The Undergraduate Teacher Education Program offers a minor in education that will allow English, history, math, or life science majors who would like to teach in Grade K–12 classrooms. The minor will give students a strong foundation in the teaching basics, necessary to be accepted into an alternative certification program and enter the teaching profession.

Students must have junior standing in order to enroll in these courses. In addition, the required 10 hours of clinical experiences for each course must be completed in an area elementary, middle, or high school. Students will be required to complete any security clearance processes required by the local school district.

Education Minor Requirements (18 credits)
All students minoring in education will need to complete the following:

EDUC 3330	Integrating Instructional Technology in the Classroom (3 credits)
ESOL 3340	Survey of TESOL for Teachers (3 credits)
EDUC 3350	Survey of Exceptional Student Education (3 credits)
EDUC 3360	Educational Psychology (3 credits)
EDUC 3520	Principles and Practices of Instruction and Assessment I (3 credits)
EDUC 4320	Classroom Management for Typical and Atypical Learner in the Multicultural Classroom (3 credits)

Students must maintain a minimum 2.5 Grade Point Average to be awarded the minor in Education.

Speech-Language Pathology Minor

The speech-language pathology minor provides students with a basic understanding of communication sciences and disorders. All minor courses are offered only in the evenings at the main campus in Fort Lauderdale.

Speech-Language Pathology Minor Requirements (18 credits)
All students minoring in speech-language pathology will need to complete the following:

CSAD 3010	Phonetics (3 credits)
CSAD 3020	Anatomy and Physiology of the Speech-Language and Hearing Mechanisms (3 credits)
CSAD 3030	Speech-Language Development (3 credits)
CSAD 3040	Neuroanatomy (3 credits)

CSAD 3050 Hearing and Speech Science (3 credits)
CSAD 4050 Audiology (3 credits)

Other courses required prior to beginning a graduate program of study in Speech-Language Pathology:
CSAD 3060 Directed Observation (1 credit)
CSAD 4010 Evaluation of Speech-Language Disorders (3 credits)
CSAD 4030 Treatment of Speech-Language Disorders (3 credits)
CSAD 4070 Rehabilitation for the Hearing Impaired (3 credits)

Add-On Endorsements

Driver Education Add-on Endorsement

The Driver Education courses offered at Nova Southeastern University provide the competencies required to meet teacher certification for teaching high school students basic driver education using Florida Department of Education Driver Education outlined expectations. The series of three courses lead to an endorsement in Driver Education. Participants will review driving rules and procedures associated with driving as well as how to implement these procedures using engaging instructional strategies. Teaching strategies to assist participants with classroom implementation will be used throughout the three courses in sequence. Sample teaching strategies and curriculum connections will also be included in the three courses.

EDUC 4910 Introduction to Driver's Education (3 credits)
EDUC 4911 Instructional Strategies and Methods for Teaching Advanced Driver Education (3 credits)
EDUC 4912 Administration and Supervision of Driver Education (3 credits)

English for Speakers of Other Languages (ESOL) K-12 Add-on Endorsement

The state-approved courses leading to ESOL endorsement enable educators to add additional coverage to their certification. This will allow them to teach students who are designated as being LEP (limited English proficient) and who are in ESOL programs. This endorsement is also designed for teacher education students who are enrolled at Nova Southeastern University in the Undergraduate Teacher Education Program and are currently working toward teacher certification in Florida, and for educators who are certified in other areas.

To earn the endorsement, students of the elementary education and exceptional student education majors, who entered the majors after January 2005, must satisfactorily complete three state-prescribed courses, totaling 9 semester hours and complete an ESOL-infused program curriculum in the major. Only the Florida State Department of Education, Office of Certification, grants the endorsement. While these three courses and ESOL-infused curricula meet the endorsement requirements, NSU reflects the ESOL endorsement on the transcript.

Registration for these courses should follow the sequence as denoted below:

ESOL 2903 Cross Cultural Studies (3 credits)
ESOL 3340 Survey of TESOL for Teachers (3 credits)
ESOL 4565 Second Language Learning: Theory, Methods, and Evaluation (3 credits)

Students of the prekindergarten/primary education major, as well as students of the elementary education and exceptional student education majors, who entered the majors before January 2005, must satisfactorily complete five state-prescribed courses, totaling 15 semester hours, in order to earn the endorsement. Additionally, individuals from other majors who wish to pursue an ESOL endorsement must complete these five state-prescribed courses, totaling 15 semester hours. Only the Florida State Department of Education, Office of Certification, grants the endorsement. While these five courses meet the endorsement requirements, NSU does not reflect an "endorsement" on the transcript, per se, as NSU does not award the endorsement itself.

Registration for these courses should follow the sequence as denoted below:

ESOL 2903 Cross Cultural Studies (3 credits)

ESOL 4901	Methods of Teaching English to Speakers of Other Languages (3 credits)
ESOL 4902	ESOL Curriculum and Materials (3 credits)
ESOL 4904	Linguistics for ESOL Educators (3 credits)
ESOL 4905	Testing and Evaluation in ESOL (3 credits)

As part of their bachelor of science degree program, all degree-seeking education majors are required by the state of Florida to take either:

1. The 9-credit hour ESOL endorsement plus ESOL-infused curriculum

OR

2. The 15-credit-hour ESOL endorsement

H. Wayne Huizenga School of Business and Entrepreneurship

H. Wayne Huizenga School of Business and Entrepreneurship

Dean's Message

Nova Southeastern University's H. Wayne Huizenga School of Business and Entrepreneurship does not just talk about the need to transform business education—it lives it.

In an era when business schools are struggling to keep pace with the trends and challenges faced by the business world, we are pioneering the development of an integrated approach to leading and managing that will place our graduates at the forefront of management application and theory.

The Huizenga School is focused on the creation of value for you and the organization for which you work. This theory-based, intuitive, and pragmatic approach finally brings it all together to create leaders and managers who will have a holistic approach to life and work. The Huizenga School's value-driven management philosophy is a revolutionary approach to leading and managing that focuses on maximizing value over time. You will learn to balance your perspectives of world cultures, the United States and its subcultures, and what the customers, suppliers, third parties, employees, competitors, and owners of your organization value. You will learn how effective leaders and managers manage this juggling act and make good decisions that lead to positive results.

If you want to be at the cutting edge of management education that gets results for you and your organization in the 21st century, then the H. Wayne Huizenga School of Business and Entrepreneurship is for you. Our professors bring a mix of research and practical business experience to the classroom. Our flexible delivery systems and high quality meet the needs of working professionals, full-time students, and organizations.

The Huizenga School at Nova Southeastern University is committed to serving as your partner in the business world, preparing you to be strong competitors in this challenging marketplace. We want students who share our excitement about the future of leading and managing in the 21st century. Together, through this cutting-edge approach to management education, we will create the foundation of knowledge, skills, and experience on which you can build your future.

Randolph A. Pohlman, Ph.D.

Randolph A. Pohlman, Ph.D.
Dean, H. Wayne Huizenga School of Business and Entrepreneurship

Vision

The H. Wayne Huizenga School of Business and Entrepreneurship is a worldwide provider of academic, professional, and practical development education for individuals in business, academia, government, and nonprofit organizations, possessing a recognized reputation for quality using personal relationships and appropriate technology to provide superior real-world learning experiences for students in a manner that allows education to be an integral part of their lives.

Mission

Our mission is to advance the personal growth and professional development of individuals in business, academia, government, and nonprofit organizations by providing readily accessible, managerially and entrepreneurially oriented, and convenient educational opportunities of superior real-world value.

Philosophy

We believe in this fast-paced, rapidly changing world, individuals in business, academia, government, and nonprofit organizations need convenient, accessible, superior-value educational opportunities. Only by utilizing faculty possessing scholarly and professional qualifications, providing personal interaction with students, and effectively using technology, can we prepare students for success.

We can only realize our vision if all faculty and staff of the Huizenga School, with the support of our other stakeholders, are dedicated to innovation in courses, curricula, delivery methods, and services to students according to students needs.

The success of the Huizenga School is contingent upon the ability of our faculty, staff, and students to apply newly acquired knowledge to create value in their respective business, academic, government, and nonprofit organizations in particular, and society as a whole.

Principles

1. Conduct all of our academic affairs with integrity.

2. Be committed to the Huizenga School's *vision, mission, philosophy, and principles*.

3. Treat each other with dignity, respect, and sensitivity so as to create a caring environment that allows faculty, staff, and students to reach their greatest potential.

4. Stay focused on, and anticipate the needs of our constituents so we can prepare our students to be "shapers" of our society, not mere "reactors."

5. Set high expectations for ourselves and demonstrate initiative, judgment, flexibility, and teamwork so we may fulfill our mission and vision.

6. Have a compelling desire to advance the knowledge of how organizations function, and apply this knowledge so that developing creative solutions is a major focus of life.

7. Have the vision, creativity, openness, and receptivity to challenge the status quo, to create learning and change, and view our role in the Huizenga School and the University as part of a dynamic process rather than a set of static, fixed relationships with related tasks.

8. Constantly try to understand the contributions we can make to the *vision* and *mission* of the organization, and seek to contribute where there is a clear, comparative advantage.

9. Believe that lifelong learning, and the application of that learning, greatly enhances society.

10. Be culturally mature and demonstrate a strong appreciation for diversity and the richness it brings to life and learning.

Vision, Mission, Principles, April 10, 2006
H. Wayne Huizenga School of Business and Entrepreneurship

Ethics Across the Curriculum Policy

Nova Southeastern University faculty believes that a socially responsible institution should not limit the study of ethical issues only to coursework, but that such study should be an ongoing endeavor, enhancing the experience of the student. To this end, the faculty is committed to making the study of ethical issues an integral part of the bachelor's academic program. The faculty believes that by incorporating the study of ethics throughout the curriculum, students will give additional relevance and reality to their studies and this will help them to become more responsible and productive citizens.

Introduction to the H. Wayne Huizenga School of Business and Entrepreneurship

Undergraduate majors in business administration and related fields are offered through the H. Wayne Huizenga School of Business and Entrepreneurship. Master's and doctoral degree programs are listed in the Graduate catalog. The information provided in this section addresses curricular requirements for majors and minors in business administration and related fields under the direction of the Huizenga School's faculty and undergraduate business program office. Curricula are subject to change. Students should consult their academic advisor regarding course selection and program planning.

Business Programs

The bachelor of science degree offered through the H. Wayne Huizenga School of Business and Entrepreneurship provides the following majors: accounting, business administration, economics, finance, marketing, management, and sport and recreation management.

Business Programs Learning Goals

A successful graduate of the undergraduate business program is expected to:

1. Think critically in terms of conceptualizing issues, analyzing data, and articulating and defending conclusions;
2. Demonstrate professional verbal and written communication skills in an organizational context;
3. Demonstrate an ability to formulate organizational strategies;
4. Recognize the values of, and demonstrate an ability to make, ethical and socially responsible decisions;
5. Demonstrate an understanding of the impact of emerging technologies and use them appropriately to gather, process, and present information;
6. Demonstrate an understanding of the legal and regulatory issues in an organizational context;
7. Use quantitative skills effectively to solve applied business problems;
8. Use interpersonal skills effectively at the individual, group, and organizational levels;
9. Demonstrate an understanding of the interaction between business and the global economy;
10. Demonstrate an understanding of increasingly diverse cultures within organizational life.

Majors in Business

Accounting Major

The accounting major is offered for those students who wish to pursue a career in accounting. The major will also serve as the foundation for those preparing for the CPA examination. The State Board of Accountancy in Florida requires an additional 30 credits beyond the bachelor's degree to qualify for the examination. The Huizenga School offers a master's degree designed to satisfy the CPA requirements. Students are cautioned to plan their schedule carefully since upper-division accounting courses are offered once per year and may be offered only in the evening.

Accounting Major Learning Outcomes

1. Properly apply generally accepted accounting principles (GAAP) in the preparation of financial statements;
2. Use appropriate cost and managerial accounting techniques to prepare information for decision making;
3. Demonstrate knowledge of auditing techniques and processes;
4. Correctly apply relevant UCC and tax codes and regulations;
5. Demonstrate knowledge of accounting information systems including the design and documentation of such systems.

Accounting Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200	Financial Accounting (3 credits)
ACT 2300	Managerial Accounting (3 credits)
FIN 3010	Corporation Finance (3 credits)
INB 3550	International Business (3 credits)
ISM 3660	Management Information Systems (3 credits)
MGT 2050	Principles of Management (3 credits)
MGT 2150	Business Law I (3 credits)
MGT 4100	Business Ethics (3 credits)
MGT 4170	Organizational Behavior (3 credits)
MGT 4880	Business Strategy and Policy (3 credits)
MKT 3050	Marketing Principles and Applications (3 credits)
OPS 3880	Operations Management (3 credits)

Accounting Program Requirements (6 credits)

Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Accounting Major Requirements (24 credits)
A grade of C or better must be earned in the following eight courses. Any student earning a grade below a C will be required to repeat the course.

ACT 3030	Cost Management (3 credits)
ACT 3050	Intermediate Accounting I (3 credits)
ACT 3060	Intermediate Accounting II (3 credits)
ACT 3070	Intermediate Accounting III (3 credits)
TXX 3110	Federal Taxation I (3 credits)
ACT 4010	Advanced Accounting (3 credits)
ACT 4050	Accounting Information Systems (3 credits)
ACT 4210	Auditing I (3 credits)

Open Electives (24 credits)

Business Administration Major

The business administration major is aimed at students seeking a bachelor‘s degree in preparation for careers in business and related fields. This major provides general knowledge in business from both the theoretical and practical perspectives. Students learn the important ingredients effective managers need to not only survive, but also succeed in today‘s business world. This major provides a solid foundation for admission into M.B.A. programs, grades of C or higher are required for prerequisite courses marked with an asterisk*.

Business Administration Major Learning Outcomes

1. Demonstrate an understanding of business principles and financial practices;

2. Apply interpersonal skills, individual, and group behavioral dynamics to business practices for motivating people in the workplace;
3. Demonstrate the ability to listen, absorb and research business information;
4. Translate business information into effective oral and written communication or action;
5. Demonstrate an understanding of the legal and regulatory issues facing organizations;
6. Recognize and apply current and emerging technology systems and applications to critically and creatively solve business problems;
7. Recognize and demonstrate the value of ethical and socially responsible decisions;
8. Demonstrate an ability to formulate organizational strategies;
9. Use quantitative skills effectively to solve business problems;
10. Demonstrate an understanding of the value of diversity as part of the increasing interaction between business and the global economy.

Business Administration Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200	Financial Accounting (3 credits)
ACT 2300	Managerial Accounting (3 credits)
FIN 3010	Corporation Finance (3 credits)
INB 3550	International Business (3 credits)
ISM 3660	Management Information Systems (3 credits)
MGT 2050	Principles of Management (3 credits)
MGT 2150	Business Law I (3 credits)
MGT 4100	Business Ethics (3 credits)
MGT 4170	Organizational Behavior (3 credits)
MGT 4880	Business Strategy and Policy (3 credits)
MKT 3050	Marketing Principles and Applications (3 credits)
OPS 3880	Operations Management (3 credits)

Business Administration Program Requirements (6 credits)

Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Business Administration Major Requirements (24 credits)

Select one course from each of the following areas (15 credits):

FIN	Finance	MGT	Management
HRM	Human Resource Management	MKT	Marketing
INB	International Business		

Select three upper-level courses from any of the following areas (9 credits):

ACT	Accounting	INB	International Business
ECN	Economics	LED	Leadership
ENT	Entrepreneurship	MGT	Management
FIN	Finance	MKT	Marketing
HRM	Human Resource Management		

Open Electives (24 credits)

Economics Major

Economics majors will study how the interrelated activities of consumers, business, and government influence people's daily lives both domestically and internationally. Overall, graduates of the economics program will posses the communication and critical thinking skills necessary to:

1. Hold entry-level positions in either the private or public sector;
2. Make significant contributions to these entities in their roles as auditors, researchers, analysts, or policy makers;
3. Enter a graduate program in business, economics, or law.

Economics Major Learning Outcomes

Graduates of the bachelor of science in economics degree are expected to:

1. Apply the principles of economic theory and practices to analyze real world problems;
2. Demonstrate knowledge of how market systems function and how these functions may be improved;
3. Demonstrate proficiency with the tools of economic research by correctly analyzing and interpreting data from a variety of industry and government sources;
4. Suggest appropriate strategies to business, government, or other entities for methods of dealing with economic problems at the local, regional, national, or international level;
5. Demonstrate the proficiency and knowledge necessary to apply their skills at the professional level.

Economics Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200	Financial Accounting (3 credits)
ACT 2300	Managerial Accounting (3 credits)
FIN 3010	Corporation Finance (3 credits)
INB 3550	International Business (3 credits)
ISM 3660	Management Information Systems (3 credits)
MGT 2050	Principles of Management (3 credits)
MGT 2150	Business Law I (3 credits)
MGT 4100	Business Ethics (3 credits)
MGT 4170	Organizational Behavior (3 credits)
MGT 4880	Business Strategy and Policy (3 credits)
MKT 3050	Marketing Principles and Applications (3 credits)
OPS 3880	Operations Management (3 credits)

Economics Program Requirements (9 credits)

MATH 2080 Applied Calculus (3 credits)
Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Economics Major Requirements (24 credits)

ECN 3020 Intermediate Microeconomics (3 credits)

ECN 3025 Intermediate Macroeconomics (3 credits)
ECN 3210 Monetary Theory and Policy (3 credits)
ECN 4210 Econometrics (3 credits)
ECN 4300 International Economics (3 credits)
Any ECN Economics Elective (3 credits)
Any ECN Economics Elective (3 credits)
Any ECN Economics Elective (3 credits)

Open Electives (21 credits)

Finance Major

The finance major is designed for students who want to combine a broad approach to business studies with specialization in the discipline of finance. Finance majors develop a broad array of analytical skills in business law, international business, operations management, management, marketing, and accounting. More specialized skills in finance are realized through the study of foreign currencies, investments, portfolio theory, financial management, money and banking, and forecasting. Graduates are well prepared to enter the M.B.A. program, professional programs such as law, and/or master's degree programs in finance. Graduates are also well prepared to work for a financial institution in credit, trust, or operations, or for a finance firm in the financial services industry, which includes investment brokerage, real estate, insurance, or financial planning.

Finance Major Learning Outcomes

1. Think critically about the interrelationships between components of the domestic and international financial and economic environments, analyze financial statements and market data and make investment choices and recommendations for financial control;
2. Synthesize and integrate narrative and financial data into a coherent written statement while recognizing the impact of financial decisions on overall organizational goals. Verbally defend investment recommendations and procedures for financial analysis;
3. Recognize the value of ethical reporting and problem-solving as part of preparation for licensing examinations including but not limited to the Series 3, 7, and 63;
4. Master the basic financial techniques to perform computations using financial calculators, Excel for corporate finance and Excel for investments;
5. Demonstrate the ability to solve a variety of financial problems both in the form of large-scale case study analysis, and problems involving financial statement analysis, exchange rate movements, investments and portfolio analysis, banking, and general macroeconomic analysis;
6. Work cooperatively with peers in solving cases, completing applied projects and collaborating on in-class problem-solving;
7. Demonstrate the ability to use strategies frequently employed in international finance including arbitrage opportunities, hedging foreign currencies, forecasting exchange rates, managing transaction, economic, and translation exposure, multinational capital budgeting, and long-term financing.

Finance Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200 Financial Accounting (3 credits)
ACT 2300 Managerial Accounting (3 credits)
FIN 3010 Corporation Finance (3 credits)
INB 3550 International Business (3 credits)
ISM 3660 Management Information Systems (3 credits)

MGT 2050	Principles of Management (3 credits)
MGT 2150	Business Law I (3 credits)
MGT 4100	Business Ethics (3 credits)
MGT 4170	Organizational Behavior (3 credits)
MGT 4880	Business Strategy and Policy (3 credits)
MKT 3050	Marketing Principles and Applications (3 credits)
OPS 3880	Operations Management (3 credits)

Finance Program Requirements (6 credits)

Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Finance Major Requirements (24 credits)

ECN 3025	Intermediate Macroeconomics (3 credits)
ECN 3210	Monetary Theory and Policy (3 credits)
FIN 3115	Financial Decision Making (3 credits)
FIN 3125	Investment Management (3 credits)
FIN 3130	Securities Analysis (3 credits)
FIN 3150	Banking and Financial Institutions (3 credits)
FIN 4120	Advanced Financial Management (3 credits)
FIN 4550	International Finance and Banking (3 credits)

Open Electives (24 Credits)

Management Major

The management major is designed for working adults who are advancing into supervisory and management positions. The program provides a broad base of business skills that will prepare students for the challenges and opportunities encountered in today's business environment. Successful employment in business requires a background in accounting, computers, economics, finance, and marketing. Graduates of this program are prepared for a wide variety of career opportunities. The program requirements for the management major are similar to the business administration major with the primary difference in the number of credit hours in the major requirements and the open electives sections.

Management Major Learning Outcomes

1. Demonstrate an understanding of business principles and financial practices;
2. Apply interpersonal skills, individual, and group behavioral dynamics to business practices for motivating people in the workplace;
3. Demonstrate the ability to listen, absorb and research business information;
4. Translate business information into effective oral and written communication or action;
5. Demonstrate an understanding of the legal and regulatory issues facing organizations;
6. Recognize and apply current and emerging technology systems and applications to critically and creatively solve business problems;
7. Recognize and demonstrate the value of ethical and socially responsible decisions;
8. Demonstrate an ability to formulate organizational strategies;
9. Use quantitative skills effectively to solve business problems;
10. Demonstrate an understanding of the value of diversity as part of the increasing interaction between business and the global economy.

Management Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200	Financial Accounting (3 credits)
ACT 2300	Managerial Accounting (3 credits)
FIN 3010	Corporation Finance (3 credits)
INB 3550	International Business (3 credits)
ISM 3660	Management Information Systems (3 credits)
MGT 2050	Principles of Management (3 credits)
MGT 2150	Business Law I (3 credits)
MGT 4100	Business Ethics (3 credits)
MGT 4170	Organizational Behavior (3 credits)
MGT 4880	Business Strategy and Policy (3 credits)
MKT 3050	Marketing Principles and Applications (3 credits)
OPS 3880	Operations Management (3 credits)

Management Program Requirements (6 credits)

Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Management Major Requirements (24 credits)

HRM 4160	Human Resource Management (3 credits)
INB 4600	International Management (3 credits)
LED 3000	Introduction to Leadership (3 credits)
MGT 3020	Business Communication (3 credits)
MGT 3050	Organization Theory (3 credits)
HRM 3100	Managing Conflict and Change (3 credits)
HRM 4300	Managing Workplace Diversity (3 credits)
QNT 4610	Business Research Methods (3 credits)

Open Electives (24 credits)

Marketing Major

The marketing major provides students with an understanding of the important concepts of marketing with an emphasis on emerging technologies. This major prepares students to practice marketing in a changing, competitive, global environment. A marketing major offers students a comprehensive understanding of the marketing role in business, including sales, advertising, retailing, management, market research, and strategy. Marketing positions are available in sales, pricing, product management, distribution, advertising, and promotion, market research, purchasing, and related fields.

Marketing Major Learning Outcomes

1. Apply in detail the practices and principles common to the marketing function;
2. Apply marketing principles to analyze, plan, implement, and control marketing operations;

3. Demonstrate knowledge and comprehension of brand, product, and marketing management as well as advertising, selling, and integrated marketing communication;
4. Demonstrate proficiency in marketing research by making appropriate suggestions to resolve marketing problems and interpret marketing research results;
5. Suggest appropriate marketing strategies and tactics for domestic and global business applicable to business and consumer markets;
6. Demonstrate competency of the Internet and interactive marketing technologies as a promotional medium and distribution channel.

Marketing Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200	Financial Accounting (3 credits)
ACT 2300	Managerial Accounting (3 credits)
FIN 3010	Corporation Finance (3 credits)
INB 3550	International Business (3 credits)
ISM 3660	Management Information Systems (3 credits)
MGT 2050	Principles of Management (3 credits)
MGT 2150	Business Law I (3 credits)
MGT 4100	Business Ethics (3 credits)
MGT 4170	Organizational Behavior (3 credits)
MGT 4880	Business Strategy and Policy (3 credits)
MKT 3050	Marketing Principles and Applications (3 credits)
OPS 3880	Operations Management (3 credits)

Marketing Program Requirements (6 credits)

Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Marketing Major Requirements (24 credits)

MKT 3060	Buyer Behavior (3 credits)
MKT 3100	Marketing Services (3 credits)
MKT 3250	Selling and Sales Management (3 credits)
MKT 4100	Integrated Marketing Comm. & the Internet (3 credits)
MKT 4700	Marketing Research (3 credits)
MKT 4710	Marketing Strategy (3 credits)

Any MKT Elective (3 credits)
Any MKT Elective (3 credits)

Open Electives (24 credits)

Sport and Recreation Management Major

The sport and recreation management major, available to students enrolled in the Professional and Liberal Studies Program, prepares students to pursue careers in school and community-based programs, professional sports, and commercial and agency based programs. The sport and recreation major is available only to students enrolled in the Professional and Liberal Studies (day) Program on campus.

Sport and Recreation Management Major Learning Outcomes

1. Work cooperatively with peers in solving cases, preparing and delivering presentations, and creating marketing, public relations, and sponsorship plans relative to sport;
2. Demonstrate a thorough understanding of economics and finance principles and theories as they apply to sport, including financing of intercollegiate athletics, stadium funding, economic impact analysis, revenue streams, ticketing, and fundraising;
3. Create a complete public relations strategy to support an athlete or sporting event;
4. Demonstrate the ability to analyze legal issues in sport and recreation by applying proper legal theory and drawing from precedent setting cases;
5. Understand the importance of sport as social phenomena, and demonstrate knowledge regarding the role gender, race, age, and religion play in the sport context;
6. Recognize the value of ethical thinking and theory in decision making for leaders in sport;
7. Be prepared to apply leadership and planning skills to effectively manage a sport facility or event.

Sport and Recreation Management Major Curriculum

General Education Requirements (30 credits)

Students are required to complete 30 credit hours as part of the General Education Program. For specific course requirements, refer to the *General Education Program* section in the Academic Resources and Procedures segment of this catalog.

Business Core (36 credits)

ACT 2200 Financial Accounting (3 credits)
ACT 2300 Managerial Accounting (3 credits)
ISM 3660 Management Information Systems (3 credits)
MGT 2050 Principles of Management (3 credits)
MGT 4170 Organizational Behavior (3 credits)
MGT 4880 Business Strategy and Policy (3 credits)
SPT 1050 Introduction to Sport and Recreation Management (3 credits)
SPT 2150 Sport in Society (3 credits)
SPT 2350 Ethics in Sport and Recreation Management (3 credits)
SPT 3550 Principles of Economics and Finance in Sport (3 credits)
SPT 3650 Sport Marketing (3 credits)
SPT 4550 Legal Aspects of Sport and Recreation (3 credits)

Sport and Recreation Management Program Requirements (6 credits)

Any SPCH elective (3 credits)
Three credits of open general education electives from ARTS, BIOL, CHEM, COMM, ENVS, FILM, GEOG, GEST, GLBS, HIST, HUMN, LITR, MBIO, PHIL, PHYS, POLS, PSYC, SOCL, or SPAN (3 credits)

Sport and Recreation Management Major Requirements (24 credits)

LED 3000 Introduction to Leadership (3 credits)
SPT 3150 Facility and Event Management (3 credits)
SPT 4425 Organization and Administration of Sport (3 credits)
SPT 4850 Seminar in Sport and Recreation Management (3 credits)
Any SPT Elective (must have SPT prefix) (3 credits)
Any SPT Elective (must have SPT prefix) (3 credits)
Any SPT Elective (must have SPT prefix) (3 credits)
Any MGT Elective (must have MGT prefix) (3 credits)

OR

Sport and Recreation Management Internship Option (24 credits)
SPT 4850 Seminar in Sport and Recreation Management (3 credits)
SPT 4950 SPT Internship (12 credits)
Any SPT Elective (must have SPT prefix) (3 credits)
Any SPT Elective (must have SPT prefix) (3 credits)
Any SPT Elective (must have SPT prefix) (3 credits)

Open Electives (24 Credits)

Minors in Business

All students are encouraged to complete one or more minors to prepare them for careers or graduate studies. A minor requires the completion of 15 credits. If a student has taken one or more of the courses listed in the minor as part of his/her major, a minimum of four additional courses must be successfully completed to earn the minor. A maximum of three credits may be used from a student's major courses to satisfy a minor.

Accounting Minor

The minor in accounting provides students with practical accounting knowledge.

Accounting Minor Requirements (15 credits)
All students who minor in accounting are required to complete the courses listed below.

ACT 2200 Financial Accounting (3 credits)
MGT 2050 Principles of Management (3 credits)

Select three courses from the following (five courses for business majors):
ACT 2300 Managerial Accounting (3 credits)
ACT 3030 Cost Management (3 credits)
ACT 3050 Intermediate Accounting I (3 credits)
ACT 3060 Intermediate Accounting II (3 credits)
TXX 3110 Federal Taxation I (3 credits)
ACT 4050 Accounting Information Systems (3 credits)
ACT 4210 Auditing I (3 credits)

Business Minor (Non-business majors)

This minor is designed for students who want exposure to primary topical areas in business to help prepare them for jobs in business and industry.

Business Minor Requirements (15 credits)
All students who minor in business are required to complete the courses listed below.

MBA Track (18 credits)
ACT 2200 Financial Accounting (3 credits)
ECN 2020 Principles of Microeconomics (3 credits)
FIN 3010 Corporation Finance (3 credits)
MATH 3020 Applied Statistics (3 credits)
MGT 2050 Principles of Management (3 credits)
MKT 3050 Marketing Principles and Application (3 credits)

Generalist Track (15 credits)
Select five courses from any of the following prefixes:
ACT, ECN, ENT, FIN, HRM, INB, ISM, LED, MGT, MKT, OPS, QNT

Economics Minor

This minor is designed for students who are employed, or who would like to pursue a career, in economics.

Economics Minor Requirements (18 credits)
Students who minor in economics are required to complete 18 credits from the courses listed below.

MATH 2080 Applied Calculus (3 credits)
ECN 3025 Intermediate Macroeconomics (3 credits)
ECN 3020 Intermediate Microeconomics (3 credits)
ECN 4210 Econometrics (3 credits)
ECN 4300 International Economics (3 credits)
FIN 4550 International Finance (3 credits)
Any ECN Elective (3 credits)

Entrepreneurship Minor

This minor in entrepreneurship is intended for students who desire a course of study to improve their understanding of the business environment and entrepreneurial issues related to a business or organization.

Entrepreneurship Minor Requirements (15 credits)
Students who minor in entrepreneurship are required to complete the courses listed below.

MGT 2050 Principles of Management (3 credits)

Select four courses from the following (five courses for business majors):
LED 3000 Introduction to Leadership (3 credits)
ENT 3100 Small Business Management (3 credits)
MKT 3250 Selling and Sales Management (3 credits)
ENT 4800 Entrepreneurship Experience 3 credits)
ENT 4400 Franchise Management (3 credits)

Finance Minor

This minor is designed for students who are employed, or who would like to pursue a career, with financial institutions.

Finance Minor Requirements (15 credits)
Students who minor in banking and finance are required to complete the courses listed below.

MGT 2050 Principles of Management (3 credits)

Select four courses from the following (five courses for business majors):
ECN 3025 Intermediate Macroeconomic (3 credits)
ECN 3210 Monetary Theory and Policy (3 credits)
ECN 4210 Econometrics (3 credits)
FIN 3010 Corporation Finance (3 credits)
FIN 3110 Financial Management (3 credits)
FIN 3120 Principles of Investments (3 credits)
FIN 3150 Banking and Financial Institutions (3 credits)
FIN 4550 International Finance and Banking (3 credits)

Human Resource Management Minor

This minor is designed for students who are or would like to be employed in the fields of personnel, training and development, labor relations, or related areas.

Human Resource Management Minor Requirements (15 credits)
Students who minor in human resource management are required to complete the courses listed below.

MGT 2050 Principles of Management (3 credits)

Select four courses from the following (five courses for business majors):
HRM 4160 Human Resource Management (3 credits)
MGT 4170 Organizational Behavior (3 credits)
HRM 4200 Organization Development and Change (3 credits)
HRM 4250 Strategic Human Resource Management (3 credits)
HRM 4300 Managing Workplace Diversity (3 credits)
HRM 4450 Labor Relations and Negotiations (3 credits)
HRM 4650 International HR Management (3 credits)
HRM 4700 Seminar in Current HR Issues (3 credits)
HRM 4850 Reading in HR Management (3 credits)

International Business Minor

This minor is designed for students employed by, or desiring employment in, multinational companies. Exporters, importers, freight forwarders, customs brokers, transportation firms, wholesalers, or manufacturers should choose this minor.

International Business Minor Requirements (15 credits)
All students who minor in international business are required to complete the courses listed below.

MGT 2050 Principles of Management (3 credits)

Select four courses from the following (five courses for business majors):
MKT 3320 International Marketing (3 credits)
INB 3550 International Business (3 credits)
INB 4300 Export/Import Trade (3 credits)
ECN 4300 International Economics (3 credits)
FIN 4550 International Finance and Banking (3 credits)
INB 4600 International Management (3 credits)

Leadership Minor

The minor in leadership is intended for students who desire a course of study to improve their understanding of the impact of effective leaders along with an examination of contemporary leadership models and theories describing and explaining the leadership process.

Leadership Minor Requirements (15 credits)
Students who minor in leadership are required to complete the courses listed below.

LED 3000 Introduction to Leadership (3 credits)
MGT 2050 Principles of Management (3 credits)

Select three courses from the following (four courses for business majors):
LED 3100 Ethics & the Capitalistic Sys. (3 credits)
LED 4100 Great World Leaders (3 credits)
LED 4200 Current Issues in Leadership (3 credits)

LED 4300 Situational Leadership (3 credits)

Management Minor

This minor is designed for working adults who are advancing into supervisory and management positions. The program provides a broad base of business skills that will prepare students for the challenges and opportunities encountered in today's business environment.

Management Minor Requirements (15 credits)
Students who minor in management are required to complete the courses listed below.

MGT 2050 Principles of Management (3 credits)

Select four courses from the following (five courses for business majors):
HRM 4160 Human Resource Management (3 credits)
LED 3000 Introduction to Leadership (3 credits)
MGT 2510 Supervisory Skills (3 credits)
MGT 3020 Business Communication (3 credits)
MGT 3050 Organization Theory (3 credits)
HRM 3100 Managing Conflict and Change (3 credits)
MGT 4100 Business Ethics (3 credits)
MGT 4170 Organizational Behavior (3 credits)
HRM 4300 Managing Workplace Diversity (3 credits)

Marketing Minor

This minor is designed for students who are employed in the fields of advertising, sales, promotion, retail, wholesale, or related areas or for those who would like to pursue a career in marketing.

Marketing Minor Requirements (15 credits)
Students who minor in marketing are required to complete the courses listed below.

MGT 2050 Principles of Management (3 credits)
MKT 3050 Marketing Principles and Application (3 credits)

Select three courses from the following (five courses for business majors):
MKT 3060 Buyer Behavior (3 credits)
MKT 3100 Marketing Services (3 credits)
MKT 3250 Selling and Sales Management (3 credits)
MKT 3320 International Marketing (3 credits)
MKT 4100 Integrated Marketing Comm. & the Internet (3 credits)
MKT 4410 Business and High Technology Marketing (3 credits)
MKT 4510 Customer Value and Relationship Marketing (3 credits)
MKT 4610 Market Segmentation (3 credits)
MKT 4710 Marketing Strategy (3 credits)

Sport and Recreation Management Minor

This minor is designed for students who will be associated with sport in the course of their careers, be it through business, education, coaching, athletic training or other opportunities.

Sport and Recreation Management Minor Requirements (15 credits)
Students who minor in sport and recreation management are required to complete the courses listed below.

SPT 1050 Introduction to Sport and Recreation Management (3 credits)

Select four courses from the following:

SPT 2150	Sport in Society (3 credits)
SPT 3150	Facility and Event Management (3 credits)
SPT 3200	Sponsorship and Fundraising (3 credits)
SPT 3550	Principles of Economics and Finance in Sport (3 credits)
SPT 3650	Sport Marketing (3 credits)
SPT 3775	Sport Camp Management (3 credits)
SPT 3925	College Athletic Administration (3 credits)
SPT 4425	Organization and Administration of Sport (3 credits)
SPT 4550	Legal Aspects of Sport and Recreation (3 credits)

Course Descriptions

Course Descriptions

This section lists courses offered at Nova Southeastern University. Refer to the appropriate college or school section for curriculum requirements.

ACT—Accounting

ACT 1999 Prior Learning Credits Account (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Accounting. This course is repeatable up to 12 credits.

ACT 2200 Financial Accounting (3 credits)
Provides an introduction to financial accounting and its decision-making elements. Areas covered are the conceptual frameworks of accounting, financial statements and their components, and advance manufacturing environments. Prerequisite: MATH 1030 or higher.

ACT 2300 Managerial Accounting (3 credits)
Integrates the accounting process with the planning, coordinating, and control functions of the business organization. Topics include strategic planning, tactical and operational decision making, budgeting, responsibility accounting, and performance measurement. Prerequiste: ACT 2200 or equivalent.

ACT 3030 Cost Management (3 credits)
Students learn cost measurement techniques in the manufacturing and service sectors. Using a strategic approach, the course examines the design and operation of cost accounting systems in both traditional and advanced manufacturing environments. Prerequisite: ACT 2300.

ACT 3050 Intermediate Accounting I (3 credits)
Study the conceptual framework of accounting and the development of the balance sheet and income statement. Examine the concepts underlying the valuation of current and non-current assets and current liabilities. Cover the recognition and measurement of Income. Prerequisite: ACT 2200.

ACT 3060 Intermediate Accounting II (3 credits)
Continuation of Intermediate Accounting I. Study of long-term liabilities (including bonds, pensions, and leases), interperiod tax allocation, owners' equity, and earnings per share. Prerequisite: ACT 3050.

ACT 3070 Intermediate Accounting III (3 credits)
This course continues the analysis of the accounting principles used to generate financial statements. Topics covered include an investigation of stockholder's equity, earnings per share, the statement of cash flows, investments, derivatives, and accounting changes and error correction. Prerequisite: ACT 3060.

ACT 3900 Acct Internship/Cooperative Ed (3 credits)
Work placement (10-20 hours per week) for a period of 16 weeks in the student's major area of study or area of career interest. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credits towards degree, and permission from Director. Position must be approved by Career Services before student may register for this course. Student can participate in an Internship a miximum of two semesters.

ACT 3999 Prior Learning Credits Account (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Accounting. This course is repeatable up to 12 credits.

ACT 4010 Advanced Accounting (3 credits)
Study of accounting principles and practices related to business combinations (accounting for mergers and acquisitions, constructing consolidated financial statements), foreign operations (recording foreign currency transactions and hedging exchange risk, currency translation of foreign subsidiary financial statements), and local governments. Examination of the cash flow statement and accounting changes. Prerequisite: ACT 3070 or equivalent.

ACT 4050 Accounting Information Systems (3 credits)
Examines the design, construction, and operation of accounting information systems. Information theory, database construction, computer hardware and software selection, and internal control are also covered. Prerequisites: ACT 3070.

ACT 4210 Auditing I (3 credits)
Provides an overview of basic auditing concepts, auditing standards, and audit programs. Special emphasis is given to preparing the student for the auditing section of the CPA examination. Prerequisite: ACT 3070.

ACT 4220 Auditing II (3 credits)
This course explores contemporary issues that have critical impact on the field of auditing. Questions such as, "What are the emerging expectations of audits?" and "How can auditors improve the auditing process?" will be addressed. Prerequisite: ACT 4210.

ACT 4910 Advanced Special Topics (3 credits)
Examines topics in accounting not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content.

ACT 4920 Advanced Special Topics (3 credits)
Examines topics in accounting not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content.

ADRB—Dispute Resolution

ADRB 2000 Introduction to Dispute Resolution (3 credits)
This course provides an introduction to conflict and conflict resolution and various ways in which conflict resolution can be practically applied. In addition, the course focuses on some of the basic theories of conflict escalation and de-escalation as well as communication and problem solving skills with practical application using a variety of techniques. The course also introduces the student to the process of negotiating public disputes. Prerequisite: sophomore standing.

ADRB 2100 Mediation Theory and Practice (3 credits)
This course introduces students to the fundamentals of mediation, a conflict resolution strategy providing disputing parties with a confidential and safe process using trained, neutral, and impartial mediators who support the party's efforts to identify address and resolve conflicts. The course focuses on the problem-solving mediation theory, principles, and skills and applications of this knowledge in the mediation setting. Prerequisites: ADRB 2000 and PSYC 2330.

ADRB 3200 Conflict Management and Resolution Theory (3 credits)
This course examines theory and practices related to the field of conflict management and resolution. Students will gain an understanding of the theory behind management and resolution practices and the implications that research has for conflict practitioners. Prerequisites: ADRB 2000 and PSYC 2330.

ADRB 3300 Culture and Conflict (3 credits)
This course will explore the roles played by gender, race, ethnicity, religion and cultures in the development, escalation, management, and resolution of conflict within and between groups. The course will examine existing theory and practice related to the role and impact culture plays in conflict. Prerequisites: ADRB 2000 and PSYC 2330.

ADRB 4000 Practicum in Dispute Management and Resolution (3 credits)
This course provides students the opportunity to apply and enhance their conflict management and resolution skills. Students will work within a variety of conflict resolution settings during their practicum experience. The course will consist of regularly scheduled classes and scheduled hours in supervised practicum settings. Prerequisite: ADRB 2100.

ANTH—Anthropology

ANTH 1020 Introduction to Anthropology (3 credits)
This course is an interdisciplinary examination of the ways in which anthropologists study people and their ways of life across cultures and across time. The four major fields of anthropology will be introduced with an overview of each of the following perspectives: cultural anthropology, biological anthropology, archaeology, and linguistics.

ANTH 1999 Prior Learning in Anthropology (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in anthropology. This course is repeatable up to 12 credits.

ANTH 3200 Anthropological Theories (3 credits)
This course provides an overview of anthropological theory from historic to contemporary theorists. We will examine the theoretical development of the discipline as well as how anthropological theories are connected to the study of people, culture and to work in the field. Prerequisite: ANTH 1020

ANTH 3999 Prior Learning in Anthropology (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in anthropology. This course is repeatable up to 12 credits.

ARAB—Arabic

ARAB 1210 Elementary Arabic I (3 credits)
Essentials of Arabic language with emphasis on grammar, vocabulary, writing, and oral skills. Introduction to Arab culture. Not open to native speakers.

ARTS—The Arts

ARTS 1200 Introduction to Drawing (3 credits)
This course will emphasize the use of drawing media and drawing techniques. Students will develop observational skills and the ability to represent form and space on a two dimensional plan.

ARTS 1250 Life Drawing (3 credits)
This course will examine the anatomy, proportion, surface planes and movement of the human form using live models. Beginning with basic gesture drawings, the course will progress to detailed figure representations. In addition, the course will explore the relationship between muscle, light, movement, and form.

ARTS 1400 The Theater Arts (3 credits)
This course focuses on the arts of the theatre, including drama, music, dance, and play production, particularly those plays representing major theatrical trends.

ARTS 1500 Music Through History (3 credits)
This course traces the development of music in Western culture, with an emphasis on music written and preserved from the Middle Ages to the present. The course encourages and enables students to recognize, analyze, and understand the materials of music (such as musical instruments and their properties, and the use of scales, modes and rhythms) as well as various musical forms (fugue, sonata cycle, overture).

ARTS 1700 Fundamentals of Color (3 credits)
In this course, students develop the foundation to apply basic design principles to a variety of visual effects.

Students will explore color theory, including additive and subtractive color.

ARTS 1800 Two-Dimensional Design (3 credits)
This course is an introduction to the visual organization of design elements in two-dimensional art and design. Familiarity with the terminology, concepts and basic materials utilized in the studio by visual artists will be explored.

ARTS 1999 Prior Learning in the Arts (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in the arts. This course is repeatable up to 12 credits.

ARTS 2100 Painting I (3 credits)
This course explores various techniques using a variety of media in the development of painting skills. The effective use of color as well as perceptual, emotional/psychological, technical and aesthetic aspects of painting will be a primary consideration in all assignments and exercises. Prerequisite: ARTS 1700.

ARTS 2200 Digital Photography (3 credits)
This course will explore the basic principles of photography and digital imaging. Camera operation, exposure, effect of the shutter and aperture, composition for impact, lens selection, and the qualities of light will be covered.

ARTS 2300 Art and Society (3 credits)
This course examines the ways in which artists and the arts have influenced Western society from the Renaissance to the 20th century, focusing on painting, sculpture, architecture, music, dance, and film. Students will also visit local museums and attend musical and theatrical events as a means of gaining a greater understanding of the arts. Prerequisite: COMP 1500

ARTS 2300H Art and Society Honors (3 credits)
This course examines the ways in which artists and the arts have influenced Western society from the Renaissance to the 20th century, focusing on painting, sculpture, architecture, music, dance and film. Students will also visit local museums and attend musical and theatrical events as a means of gaining a greater understanding of the arts. (Honors students only.) Prerequisite: COMP 1500

ARTS 2410 Graphic Design I (3 credits)
This course provides an introduction to graphic design. Students will use current software and technology to create designs based on color theory and graphic design principles. The course will familiarize students with basis aesthetic, technical, historical, and conceptual issues as they relate to design.

ARTS 2450 Graphic Design II (3 credits)
This course will focus on understanding and developing effective graphic design concepts and will include a concentration on photo and image manipulation as well as typography. The course will also provide students with technical literacy in the MAC/PC platform. Prerequisite: ARTS 2410

ARTS 2600 Introduction to Arts Administration (3 credits)
This course introduces basic principles, theories, concepts, processes and practices relating to organizations in the arts industry. Emphasis will be placed on the structure of the arts industry, leadership in the arts industry, staffing, volunteerism, fundraising, and intellectual property. Prerequisite: COMP 1500.

ARTS 2800 Three-Dimensional Design (3 credits)
This course will be a study of perception, emphasizing the elements and principles of design as a basis of three-dimensional work. Emphasis will be placed on materials and processes for surface treatments. Prerequisite: ARTS 1800.

ARTS 3020 Women in the Arts (3 credits)
A study of the particular contributions of women in art, music, theatre, and dance. Prerequisites: One ARTS course and COMP 2000, COMP 2010, or COMP 2020.

ARTS 3100 Painting II (3 credits)
Through the study and practice of painting in oils, acrylics, and mixed media, students will pursue the development of a personal creative direction in painting or mixed media. Participants work on multiple projects and are expected to develop a command of both technical and conceptual components of painting. Prerequisite: ARTS 2100.

ARTS 3200 Digital Photopgraphic Design (3 credits)
This course provides the skills and concepts required to develop professional-quality, pixel-based illustrations and photo manipulations. The focus of the course will be on both technical and aesthetic issues, and the relationship of image manipulation to graphic design. Prerequisite: ARTS 2200.

ARTS 3300 Myth and Art (3 credits)
This course focuses on the relations between verbal and visual arts, particularly the myths and epics of Europe and the Mediterranean world, and the later literary, religious, and artistic traditions developing from them. Prerequisites: One ARTS course and COMP 2000, Comp 2010, or COMP 2020.

ARTS 3350 Irish Art and Architecture (3 credits)
This course will focus on Irish and Northern Irish art and architecture from the early medieval era to the 21st century. Students will work during the first part of the course in a WebCT format, including readings and discussion on various aspects of Irish art and architecture, followed by an intensive study-abroad experience in Ireland and Northern Ireland. Prerequisite: COMP 2000 or COMP 2020.

ARTS 3400 Non-Western and Modern Art (3 credits)
This course focuses on Asian, Oceanic, African, and Native American arts and cultures, their discovery by the West, and their influences on the development of 20th century art and society. Prerequisites: One ARTS course and COMP 2000, COMP 2010, or COMP 2020.

ARTS 3450 Graphic Design III (3 credits)
Students explore the underlying principles of grid theory, text and display typography, sequence, page layout, and type and image integration as they relate to a range of publication design applications. Prerequisites: ARTS 2200 and ARTS 2450.

ARTS 3500 Sculpture I (3 credits)
Through the process of investigation, growth and discovery, the students will complete hands-on projects using a variety of media and techniques. In addition, students will explore the historical and contemporary influence of sculpture. Prerequisite: ARTS 2800.

ARTS 3550 Ceramics I (3 credits)
Students will create pottery, using multiple techniques such as hand building as well as throwing on the potter's wheel. Students will apply ceramic glazes and firing procedures in order to produce finished ceramic ware. The course will also include some discussion of the historical development of the ceramic arts. Prerequisite: ARTS 2800.

ARTS 3600 Advanced Arts Administration (3 credits)
This course applies the basic principles, theories, concepts, processes and practices of arts administration to the creation and management of various types of arts organizations. Particular emphasis will be placed on audience development, special event planning, program planning, financial planning, proposal writing, grant writing and advocacy. Prerequisites: ARTS 2600; COMP 2000, 2010, or 2020.

ARTS 3650 Typography (3 credits)
This course explores the fundamentals of typography including typographic history, the study of letterforms, terms, classifications and typeface selection. Through a variety of projects, structure, layout, and hierarchy of information will be examined. Prerequisite: ARTS 1800.

ARTS 3700 Methods and Materials (3 credits)
Through a practical exploration of theoretical/conceptual issues, students will become aware of the complexity and interrelatedness of the elements of art. Students complete a series of studio projects emphasizing the awareness, creative use, and practical application of various materials as a formal means of visual communication and expression. Prerequisite: ARTS 3100.

ARTS 3800 Art History I (3 credits)
This course introduces students to the historical developments in artistic expression from the Prehistoric to Renaissance period. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

ARTS 3850 Art History II (3 credits)
This course introduces students to the historical developments in artistic expression from the sixteenth century to the present. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

ARTS 3999 Prior Learning in the Arts (3 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in the arts. This course is repeatable up to 12 credits.

ARTS 4100 Contemporary Art (3 credits)
This course explores the role of art making within the discourse of contemporary art and culture. The course also explores the most recent artistic theories and technologies while enhancing aesthetic awareness and developing the student's ability to analyze art. Prerequisite: ARTS 3100.

ARTS 4200 Contemporary Graphic Design (3 credits)
This course explores the role of graphic arts within the discourse of contemporary graphic design. The course also explores the latest graphic design theories and technologies while enhancing aesthetic awareness and developing the student's ability to analyze graphic design. Prerequisite: ARTS 3450.

ARTS 4250 Multimedia & Web Design (3 credits)
This course focuses on the study of layout techniques for the online environment. Emphasis will be placed on identifying the target audience and producing web sites according to current industry criteria. Relevant legal issues will also be discussed. Prerequisite: ARTS 3200.

ARTS 4300 Experimental Studio Art (3 credits)
This course applies non-traditional approaches to drawing and painting, including working from dream imagery, inventing realities, exploring abstraction, creating new tools to draw with, and experimenting with mixed media. Prerequisite: ARTS 3700.

ARTS 4400 Installation Art (3 credits)
This course explores site specific and non-site specific installation art. Through historical study, students may incorporate a variety of media including photographs, paintings, drawings, video performances, and sound and sculptural materials in works that expand the physical boundaries of art. Students are introduced to techniques for documenting the installation project. Prerequisite: ARTS 3700.

ARTS 4500 Professional Print Design (3 credits)
The focus of this course is on multiple page documents and extended design systems. Students will create professional print design projects that reflect the range of work designers encounter in the studio, agency, or corporate design environment. Print production techniques will be investigated. Prerequisite: ARTS 3450.

ARTS 4900 Special Topics in the Arts (3 credits)
This course is designed for students with an interest in a particular period or genre of art, music, or theatre, specific artist, composers, dramatists, or topics not covered in other art, music, or theatre courses. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one ARTS course and COMP 2000, COMP 2010 or COMP 2020.

ARTS 4950 Internship in the Arts (3 credits)
Training and practice at a professional arts venue.

Prerequisites: cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and written consent of a division director.

ARTS 4990 Independent Study in the Arts (3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One ARTS course; COMP 2000, 2010, or 2020.

ARTS 4995 Senior Project (1 credits)
In this course, students will prepare a portfolio of artwork for participation in a senior exhibition. Prerequisite: Completion of at least 90 credits and written consent of the division director.

ATTR—Athletic Training

ATTR 1100 Introduction to Athletic Training (1 credits)
This course is an introduction to the sports medicine team, legal considerations, environmental concerns, and the profession of athletic training. Students will be able to promote athletic training as a professional discipline in order to educate athletes, the general public, and the physically active. This course includes a minimum of 50 hours of scheduled clinical observations at an approved site, under the supervision of a Certified Athletic Trainer.

ATTR 1200 Principles of Athletic Training (3 credits)
Emphasis will be on the basic concepts of preventing athletic injuries, injury recognition and assessment, and care and treatment procedures for proper management of athletic injuries. Additionally, students will be instructed in the arts and skills of taping and wrapping. This course includes a minimum of 50 hours of scheduled clinical observations at an approved clinical site, under the supervision of a Certified Athletic Trainer. Prerequisite: ATTR 1100.

ATTR 1300 Emergency Care and First Aid (3 credits)
Students will learn to recognize, assess, and treat the acute injuries and illnesses of athletes and others involved in physical activities, preventing disease transmission, emergency care of injuries such as splinting, and to provide proper medical referral.

ATTR 1400 Health and Fitness (3 credits)
This course will provide students with the basic concepts of health, such as nutritional issues, physiological concerns, and wellness screening. Students will also gain an appreciation for lifetime fitness activities and an understanding of how community programs provide necessary health services to the general public.

ATTR 1999 Prior Learning Credit in Athletic Training (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in athletic training. This course is repeatable up to 12 credits. Prerequisite: approval of director.

ATTR 2100 Injury Evaluation I (3 credits)
Emphasis will be on recognition, assessment, treatment, and appropriate medical referral of athletic injuries and illnesses of the lower extremities including the head and the lumbar spine. Additional emphasis will be placed on the psychosocial aspects of injury and illness. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 1200.

ATTR 2200 Injury Evaluation II (3 credits)
Emphasis will be on recognition, assessment, treatment, and appropriate medical referral of athletic injuries and illnesses of the upper extremities, including the head and cervical spine. Additional emphasis will be placed on clinical evaluation skills. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 2100.

ATTR 2210 Clinical Experiences in Athletic Training I (1 credits)
These courses focus on field experiences and the application of learned principles from athletic training clinical skills. This course includes 200 hours of observation in various settings and specific clinical skills from the previous semester to facilitate comprehensive learning. Students will be supervised and given the opportunity to practice learned skills in the clinical setting. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 1200.

ATTR 2220 Clinical Experiences in Athletic Training II (1 credits)
These courses focus on field experiences and the application of learned principles from athletic training clinical skills. This course includes 200 hours of observation in various settings and specific clinical skills from the previous semester to facilitate comprehensive learning. Students will be supervised and given the opportunity to practice learned skills in the clinical setting. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 2210.

ATTR 2300 Sports Nutrition (3 credits)
This course includes the study of nutrition, biochemical processes in energy metabolism, and nutrition-related health problems. Additional emphasis will be placed on nutrition as it relates to physical performance, sports, and fitness.

ATTR 2400 Strength and Conditioning (2 credits)
This course includes the study of the varied aspects of strength training in a variety of sports. In addition to learning and practicing strength training techniques, students will design a conditioning program for pre-season, in-season, off-season, and recovery modules.

ATTR 3100 General Medicine in Sports (3 credits)
Students will acquire skills and knowledge on the recognition, treatment, and referral of general medical conditions related to each of the body systems, including but not limited to congenital and acquired abnormalities of athletes and other physically active individuals. Also included are physiological progression of injuries, illnesses,

and diseases. An additional area of focus is related to pathology, medical diagnostics, medical interventions (pharmacological and procedural), and the implications of these for the athlete or others involved in physical activities. Prerequisite: BIOL 3312 or equivalent.

ATTR 3230 Clinical Experiences in Athletic Training III (1 credits)
These courses focus on field experiences and the applications of learned principles from athletic training clinical skills. This course includes 200 hours of observation in various settings and specific clinical skills from the previous semester to facilitate comprehensive learning. Students will be supervised and given the opportunity to practice learned skills in the clinical setting. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 2220.

ATTR 3240 Clinical Experiences in Athletic Training IV (1 credits)
These courses focus on field experiences and the applications of learned principles from athletic training clinical skills. This course includes 200 hours of observation in various settings and specific clinical skills from the previous semester to facilitate comprehensive learning. Students will be supervised and given the opportunity to practice learned skills in the clinical setting. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 3230.

ATTR 3300 Therapeutic Modalities/Lab (4 credits)
A study of sports therapy physical agents used to treat injuries of the musculoskeletal, neuromuscular, and integumentary systems including, but not limited to cryotherapy, hydrotherapy, electrotherapy, biofeedback, and mechanical therapy. Students will apply the techniques and clinical skills related to the application of therapeutic modalities. Clinical hours in the athletic training room and other facilities (see Clinical Experience I through IV) will give the student the additional opportunity to use the knowledge, skills, and techniques learned in this course. Only for students matriculated in the Athletic Training Education Program. Prerequisite: ATTR 2100.

ATTR 3500 Rehabilitation of Athletic Injuries/Lab (4 credits)
The study of the principles of a comprehensive rehabilitation program; specifically related to design and implementation of a therapeutic program. Students will learn to incorporate exercises related to strength, proprioception and neuromuscular control to achieve sport specific goals and objectives. Students will assess rehabilitation progress and criteria for return to competition. Prerequisite: ATTR 3300.

ATTR 3800 Evolution of Sports Medicine (3 credits)
This course will include both lecture material and a weeklong field experience dedicated to the study of the development of sports medicine. The course is designed to explore the clinical practices employed by medical professionals to treat and rehabilitate sports related injuries. The timeline of the course will begin with Ancient Greek times and continue through modern day. Students will be able to understand the significance of sports medicine development and growth from the beginning. Prerequisite: COMP 1500.

ATTR 3999 Prior Learning Credit in Athletic Training (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in athletic training. This course is repeatable up to 12 credits. Prerequisite: approval of director.

ATTR 4100 Athletic Training Administration (3 credits)
Concepts of legal liability, budget/financial and personnel management, marketing, public relations, inventory control, facility design/development/maintenance, and administration of allied-health care programs will be addressed. Additionally, the student will discuss the day-to-day supervision, scheduling and provision of services to athletes and other physically active individuals offered in the athletic training room, health-care facilities and other venues.

ATTR 4300 Applied Research in Athletic Training (3 credits)
Research methodology, statistical analysis, data collection, and writing for publications related to athletic training. Students will gain a theoretical basis, develop, and write a research proposal that may be executed and completed during their senior clinical internship. Only for students matriculated in the Athletic Training Education Program.

ATTR 4400 Sports Pharmacology (3 credits)
This course will focus on pharmacology for the health professional in a nonprescribing profession. Focus will be on pharmaceuticals that are prescribed and used over the counter by physically active people. Drug actions, indications, contraindications, and adverse reactions will be covered along with herbal supplement-drug interactions. Prerequisite: BIOL 3312 or equivalent.

ATTR 4900 Special Topics in Athletic Training (1-3 credits)
Topics in sports medicine and athletic training that are not included in a regular course offering. Prerequisites may be required. Specific content and prerequisites are announced in the course schedule for the given term. Students may reenroll for Special Topics covering different content.

ATTR 4950 Internship in Athletic Training (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

ATTR 4990 Independent Study in Athletic Training (1-3 credits)
The student selects and independently carries out library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: to be determined by the faculty and the division director.

BHS—BHS-Bachelor of Health Science

BHS 3100 Current Issues in Health Care (3 credits)
This course discusses current issues and concepts regarding health care to prepare the student with the essential vocabulary and thought processes to understand and evaluate the legal, political and ethical challenges facing health care in the US.

BHS 3101 History of US Health System (3 credits)
This course will examine the origins and ongoing development of the US health system. Students will gain historical understanding of the origins and forces that have influenced change within the US health care system.

BHS 3110 Health Care Ethics (3 credits)
This course is designed to introduce ethical thinking and concepts regarding health care to prepare the student with the essential vocabulary and thought processes to understand, evaluate and participate in ethical decision making.

BHS 3120 Introduction to Epidemiology (3 credits)
The purpose of this course is to introduce the history and development of epidemiology in relation to public health and disease. Communicable, epidemic and endemic as well as social diseases will be discussed.

BHS 3130 Research/Design for HC (3 credits)
This course is designed as an introduction to critical analysis of research and medical literature as well as basic research methods. The course includes an introduction to descriptive and inferential statistics and research design. Statistical and research concepts and procedures are combined with an emphasis on practical health care applications.

BHS 3140 Health Care Practice (3 credits)
The purpose of this course is to study the legal implications of licensing, practice, and contractual employment. The importance of understanding rules of practice and standards of care are discussed

BHS 3145 Princ of Environmental Health (3 credits)
This course will introduce students to the principles of environmental health and their importance to human populations. Some of the topics covered include Environmental Quality, Occupational Health, Vector-borne and Pandemic Diseases, and Hazardous Materials Management, and the regulations promulgated to manage each.

BHS 3150 Principles of Leadership (3 credits)
This course will provide an overview of numerous leadership theories to prepare the student for a leadership role in Health Care. The course will critically analyze the differences between leadership and management

BHS 3151 Health Services Mgmt (3 credits)
This course will provide an overview of health care and general management to prepare the student for a managerial role in Health Care administration. Course topics include human resource issues and policy, personnel planning, staffing, development, coaching and training of employees.

BHS 3155 Conflict Mgmt in HC (3 credits)
The purpose of this course is to develop an understanding of the conflict and effective methods and strategies for reducing the incidence of workplace conflict including employee -employee conflict, supervisor -subordinate conflict, patient-patient conflict and patient/client - provider conflict.

BHS 3160 Health Policy (3 credits)
This course provides the student with a broad understanding of policy, how health care is organized, dispensed and how the practitioner can better work in the system. Topics of discussion include cost control, long term care, quality control, ethical issues and insurance.

BHS 3161 Health Care Finance (3 credits)
The course introduces the fundamental tools, concepts, and applications aimed at providing students an understanding of numerous financial theories and techniques utilized in health care financial management. The course materials are structured around emerging health care policies and the role finance and economics play in establishing policy. Cases studies are drawn from a variety of sources such as health maintenance organizations, home health agencies, nursing units, hospitals, and integrated health care systems. Some topics of discussion also include: concepts of capital financing for providers, budgeting, financial ethics, payment systems, provider costs, high cost of health care, and measuring costs.

BHS 3162 Economics of Health Services (3 credits)
This course will teach the student to use economic analysis to understand critical issues in health care and health policy. Issues to be studied include the demand for health care, health insurance markets, managed care, medical technology, government health care programs, national health reform, and the pharamaceutical industry. The course will focus on the US health care sector, but will also examine health care systems of other countries.

BHS 3190 Patient Educ in Hlth Care (3 credits)
Patient education is an integral part of health care in every setting, from patient treatment, to health and wellness promotion, to injury and illness prevention. The focus of this course is to explore the many issues that impact patient education, from both a health care professional and management perspective. Adult education theory, patient/therapist interaction, communication barriers, strategies for success, web-based patient education, documentation, federal laws and initiatives and standards for patient education are some of the topics that will be examined.

BHS 3195 Therapeutic Communications (3 credits)
This course covers a variety of general concepts and contemporary discussions in the area of therapeutic communications. Attention is paid to self-awareness, basic

communication skills, and therapeutic responses from all health care professionals.

BHS 4000 Cultural Competency in HC (3 credits)
The purpose of this course is to develop competency and better understanding when confronted with issues related to culture, diversity and ethnically based customs, rituals, alternative health care choices, folk medicine, cultural structure and viewpoints and the practitioner's delivery of health care.

BHS 4001 Disabilities & Special Needs (3 credits)
With the continued graying of the American population and the extending life expectancy of individuals with disabilities there are a growing number of individuals facing chronic life challenges. These individuals are consumers of health care. It is incumbent on health care providers to understand how different challenges affect a person¿s abilities. Topics of discussion include: laws that impact services, the history of disability care, and specific disabilities and their impact on functioning.

BHS 4005 Alternative Medicine in HC (3 credits)
This course examines and analyzes alternative and complimentary medicine and their impact on the healthcare industry. The approach to the subject is to present selected alternative and complimentary medicine fields in an informative, non-judgmental format. Example topics include acupuncture, chiropractic, herbal medicine, homeopathy, massage and naturopathic medicine

BHS 4006 Fund. of Chinese Medicine (3 credits)
This course will discuss and analyze the impact, origins and background of Chinese medicine. It is important to enter this class with an open mind, and understand that there are other forms of treatment for disease, different than those taught in westernized medicine programs. Critical analysis of the meridians and pathways and various signs and symptoms associated with disease will be covered.

BHS 4009 Sports Medicine (3 credits)
This course will present a study of athletic injuries and the principle concepts and practices of Sports Medicine - including discussion of; prevention, diagnosis, treatment, and recovery. The major musculoskeletal portions of the body will be covered, major preventive measures will be studied, and the major sports injuries will be addressed. The course will identify the medical treatments associated with the major sports injuries.

BHS 4010 Hlth Promotion/Disease Prevent (3 credits)
This course develops the knowledge and skills needed to work with communities to improve health status of the Community. Major topics will include health promotion and disease prevention. Special emphasis will be placed on the "Healthy People 2010" initiatives.

BHS 4011 Bioter Hlt Care Readiness&Resp (3 credits)
This course uses a systems perspective to provide health professionals with an understanding of the prevention and response to the intentional release of armful biologic agents. Category A diseases will be reviewed including anthrax and smallpox. Risk assessment and reduction for health care facilities will be discussed. The structure of public disaster response agencies and the potential difficulties integrating with privately-held critical infrastructure will be evaluated. Tactics and structural components from the class can also be used in unintentional outbreaks to reduce their impact.

BHS 4012 Torture Violence & Trauma (3 credits)
This course provides an overview of the physical and psychological effects of torture, violence, and trauma. It focuses on the relationship between health care professionals and victims of human rights violations. Discussion topics include the detection, treatment and documentation of victims of these events. The course examines the role health care as it relates to incidents of torture, violence and trauma.

BHS 4100 Academic/Professional Writing (3 credits)
Must be taken during first semester of enrollment in program) The purpose of this course is to introduce students to the format, content and thought processes for successful academic and professional writing through utilization of the NSU B.H.Sc form and style manual as well as introduction to APA and AMA manuals. An overview of proper sentence and paragraph structure, grammar, punctuation usage, formatting and bibliographic referencing will be discussed.

BHS 4110 Health Care and Aging (3 credits)
This course examines the psychosocial and cultural variations associated with maturing and aging. Topics covered will be an overview of life choices, living wills, and treatment, as well as cultural implications of senior care.

BHS 4130 Internship (3 credits)
The student will complete 40 hours of internship in an area of interest within a health care organization. The product of this internship will be to produce a SWOT analysis of the unit or health care organization. Student must receive departmental and advisor approval in order to be allowed to register for this course.

BHS 4140 Independent Study (3 credits)
Students select an area of study in cooperation with the course advisor and/or program director. The project may include such items as work-related studies, conference attendance, grant proposals and or planning documents. A comprehensive paper will be developed and delivered according to the NSU BHSc form and style manual. Students must receive departmental and advisor approval in order to be allowed to register for this course.

BHS 4150 The Science of Sound (3 credits)
This course is designed to introduce students to acoustics. Students will study production of sound waves in general, and more specifically the production of sound waves during speech. Students will also study the characteristics of sound waves, how sound waves are propagated through a medium, and the perception of sound.

BHS 4151 Ling.&Psych.Var.Norm.Lang.Dev. (3 credits)
This course will provide an overview of speech and language development as it relates to the typically developing child from birth through adolescence. This course will include topic areas related to the dimensions of communication, neurological and anatomical basis of communication, models of speech and language development, and speech-language differences and diversity

BHS 4152 Neuro of Audition & CNS (3 credits)
This course will provide an introduction to the gross structure of the brain and spinal cord. Functional relationship of their parts with emphasis on the auditory and vestibular peripheral and central nervous systems will be discussed

BHS 4153 Speech & Lang Disorders (3 credits)
Overview of speech and language delays and disorders, their etiology, and treatment. How health-care practitioners can identify persons with possible disorders and make appropriate referrals. Consideration of the communication needs within health-care system of persons with speech-language disorders.

BHS 4154 Effect of Hearing Impairment (3 credits)
Phonologic, morphologic, syntactic and pragmatic aspects of human communication associated with hearing impairment. Study of methods of screening hearing-impaired patients for concomitant speech and language disorders. Prerequisite: course in normal language development.

BHS 4160 Education for Hlth Professions (3 credits)
This course will provide an opportunity to explore learning theories, learning styles, testing and assessment, education trends, and utilizing technology in instruction as it relates to the health professional and professions.

BHS 5001 APA Writing Seminar (3 credits)
This course is designed to introduce students to the APA writing form and style. Students will be guided by an instructor in the use of the APA Publication Manual and the components of an APA style academic paper as well as practicum and internship reports. All courses within the BHSc Program and Department of Health Science require that all written assignments be submitted in APA form and style

BIOL—Biology

BIOL 1040 Environmental Studies (3 credits)
Overview of environmental science that integrates social, economic, technical, and political issues. Problems of ecological disruptions, growth of human populations, land use, energy, water supplies, food supplies, pesticides, and pollution are covered.

BIOL 1060 Amoebas to Zebras: Life on Earth (3 credits)
Tiptoe through the tulips, tapeworms, toadstools, tiger sharks, and tarantulas. This course is an overview of the diversity of life on earth, introducing the major groups of living things, from bacteria to mammals, with introductions to basic concepts in ecology, evolution, and life processes.

BIOL 1060H Amoebas to Zebras: Life on Earth Honors (3 credits)
Tiptoe through the tulips, tapeworms, toadstools, tiger sharks, and tarantulas. This course is an overview of the diversity of life on earth, introducing the major groups of living things, from bacteria to mammals, with introductions to basic concepts in ecology, evolution, and life processes. This course includes some laboratories and field trips. Satisfies the general education requirement in science. Prerequisite: Honors students only.

BIOL 1070 Basics of Human Heredity (3 credits)
This course examines basic concepts of genetics and their application to human heredity and diversity. Topics covered include structure and function of DNA, genes and chromosomes, the role of genes in heredity, tracing of genetic traits in family trees, and advances in genetic technologies as applied to human medicine. This course is not intended for biology majors. Prerequisite: MATH 1030.

BIOL 1080 Human Biology (3 credits)
This course explores the biology of the human organism and is designed to provide a framework in which the student can understand human biology at the cellular, molecular, and organismal levels, both in the healthy state and in the diseased and/or malfunctioning state. The course will emphasize the process of recognizing choices and the application of biological knowledge in the decision-making process. Topics will include a study of the organ systems, immunity, and reproductive development. This course is not intended for biology majors.

BIOL 1090 The Age of Dinosaurs (3 credits)
An introduction to the most fascinating period of life on earth--The Mesozoic Era--emphasizing the most famous inhabitants of the time--the dinosaurs: their kinds, ecology, evolution, life habits, and eventual extinction. The course also introduces basic concepts in evolution, geology, and paleontology needed to understand dinosaurs and the other animals and plants that populated the Mesozoic world.

BIOL 1100 Concepts and Connections in Biology (3 credits)
Focuses on the fundamental concepts in the life sciences and helps students make connections to the real world. Basic functions of life are compared and contrasted among the five kingdoms. Connections are made between the various life forms and humans. Life is studied at all levels, from the cell to the ecosystem. The complementarity of structure and function is stressed. Evolution is the guiding theme throughout the course. Prerequisite: MATH 1000 or higher.

BIOL 1101 Concepts and Connections in Biology Lab (1 credits)
Students are taught how to convert scientific themes into investigative packs for the curious nature of the middle-school student. The course will be taught in a format that utilizes easily accessible equipment and supplies and uses

resources that are generally available within the community. Laboratory exercises connect biology to the student: understanding key biological concepts of plants, animals, physiology, anatomy, and heredity genetics.

BIOL 1400 Introductory Cell Biology (3 credits)
This course is an introduction to the basic principles of cell and molecular biology. It includes the study of atomic, molecular, cellular structure and function; biochemical processes and pathways; molecular and classical genetics. Prerequisite: MATH 1000 or higher.

BIOL 1450 General Biology I (3 credits)
This course is a general introduction to the biological sciences. It focuses on cellular activities including basic biochemistry, cell organization and metabolism, cell reproduction, and genetics. Connections will be drawn between the above topics and historical and comtemporary issues. This class does not include a lab. Prerequisite: MATH 1040 or higher and COMP 1000 or higher.

BIOL 1451 General Biology I Lab (1 credits)
An introductory virtual lab course which covers subcellular/cellular organization and function, biochemistry, energetics, and classical/molecular genetics. Prerequisite: MATH 1040 or higher, COMP 1000 or higher. Prerequisite/Corequisite: BIOL 1450.

BIOL 1460 General Biology II (3 credits)
This course is a general introduction to the biological sciences at the macroscopic level of organization. The course topics include a survey of the kingdoms of evolution, selection and population genetics. Additionally, major concepts regarding plant and animal systems will be addressed. This class does not include a lab. Prerequisite: MATH 1040 or higher and COMP 1000 or higher.

BIOL 1461 General Biology II Lab (1 credits)
This lab course includes interactive lessons and natural history examples. Students will be required to explore the natural habitat and describe the organisms that they observe. This course will prepare students to design laboratory experiments in the key areas of biological sciences. Prerequisite: MATH 1040 or higher and COMP 1000 or higher; Prerequisite/Corequisite: BIOL 1460.

BIOL 1480 Biology I (3 credits)
An introduction to the biological sciences for students interested in pursuing a career in this area. Includes cellular and molecular organization, cell reproduction, genetics, and evolution. This class does not include a lab. Prerequisites: MATH 1040 and COMP 1000.

BIOL 1490 Biology II (3 credits)
Second part of a two-part sequence that includes a survey of the five kingdoms emphasizing structure and function in plants and animals. This course does not include a lab. Prerequisites: MATH 1040 and COMP 1000.

BIOL 1500 Biology I/Lab (4 credits)
An introduction to the biological sciences for students interested in pursuing a career in this area. Includes subcellular and cellular organization, structures/function, biochemistry, classical/molecular genetics, and population dynamics - all arranged around evolution as a major theme. Includes laboratory sessions. Prerequisites: MATH 1040 or higher and COMP 1000 or higher.

BIOL 1510 Biology II/Lab (4 credits)
This course and related labs, the second part of a two-part sequence, introduces the basic principles of biological science at the level of the organism and above. It focuses on a survey of the five kingdoms and compares the structure and function of organ systems in plants and animals. It includes the study of evolution, phylogenetic relationships, species diversity and ecological interactions. Prerequisites: BIOL 1500 and MATH 1040 or higher and COMP 1000 or higher.

BIOL 1510H Biology II/Lab Honors (4 credits)
This course and related labs, the second part of a two-part sequence, introduces the basic principles of biological science at the level of the organism and above. It focuses on a survey of the five kingdoms and compares the structure and function of organ systems in plants and animals. It includes the study of evolution, phylogenetic relationships, species diversity and ecological interactions. Prerequisites: BIOL 1500 and MATH 1040 or higher and COMP 1000 or higher. Honors students only.

BIOL 1520 Biology I Lab Only (1 credits)
An introductory lab course which covers subcellular/cellular organization, structures and function, biochemistry, classical/molecular genetics, and population dynamics all arranged around evolution as a major theme.

BIOL 1530 Biology II Lab Only (1 credits)
An introductory course that includes a survey of the five kingdoms emphasizing structure and function in plants and animals. This course does not include a lecture.

BIOL 1999 Prior Learning Credit in Biology (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in biology. This course is repeatable up to 12 credits. Prerequisite: approval of director.

BIOL 2250 The Natural History of John U. Lloyd Beach State Park (3 credits)
This course provides an overview of the natural history of John U. Lloyd Beach State Park. Material to be covered includes human history, climate, geology, vegetation, flora/fauna, and environmental conservation issues. This course is designed to prepare students for internships in the park. Prerequisites: any BIOL 1000 level course.

BIOL 2400 Applied Microbiology (3 credits)
This course is an introduction to the basic principles of applied microbiology. It provides an overview of medical microbiology. It introduces the diversity and importance of microbes and their physiology. Aspects of pathogenicity and immunology are stressed. Prerequisites: BIOL 1400 or BIOL 1500; and MATH 1030 or higher.

BIOL 2600 Medical Terminology (3 credits)
This course covers the basic structure of medical terms, including roots, prefixes, and suffixes. Emphasis will also be placed on the terminology of body systems. Medical terms related to anatomy, physiology, pathology, clinical procedures, laboratory tests, and medical abbreviations will be covered. Also, students will learn medical terminology related to specialized areas of medicine such as cancer medicines, nuclear medicines, radiology/radiotherapy, pharmacology, and psychiatry. Prerequisite: BIOL 1080, BIOL 1100, BIOL 1400, BIOL 1500, or BIOL 1510.

BIOL 2950 Field Study at John U. Lloyd Beach State Park (3 credits)
This course provides an opportunity for students to conduct field studies at John U. Lloyd Beach State Park. Projects include guiding tours for the public and school groups, assisting park personnel with exotic plant removal and native plant rehabilitation, maintaining the nature trail, etc. Prerequisite: BIOL 2250.

BIOL 3150 Fundamentals of Ecology (3 credits)
The course is an introduction to the fundmental ecological concepts which illustrate the complex interrelationships among living organisms (biotic) and with their non-living environment (abiotic). Topics will include the effect of ecological processes on individuals, populations, communities, ecosystems and the planet. In addition, the course will address how anthropogenic disturbance threatens the environment and ultimately life on earth. Prerequisite: BIOL 1450, BIOL 1451, BIOL 1460 and BIOL 1461 or BIOL 1500 and BIOL 1510.

BIOL 3151 Fundamentals of Ecology Lab (1 credits)
This lab course will include interactive lessons and real world experiences which illustrate the proper use of ecological instrumentation, measurement techniques and analysis of collected data. Students will collect ecological data near their homes in both natural (wild) and urban (man-made) environments. Student will gain a practical understanding of how various ecological parameters affect individuals, populations, communities and ecosystems. In addition, the course will address how anthropogenic disturbances threaten the environment and ultimately life on earth. Prerequisite/Corequisite: BIOL 3150.

BIOL 3180 General Ecology Lab (1 credits)
This field-oriented laboratory course focuses on South Florida organisms. It will include visits to the Everglades, mangrove, and coral reef ecosystems. Laboratory experiments will illustrate ecological concepts. Prerequisites: BIOL 1500 and BIOL 1510.

BIOL 3190 General Ecology (3 credits)
This course examines the basic principles governing the interactions among organisms and between organisms and their environment. Topics include energy flow, population dynamics, social interactions, competition, predation, species diversity, ecosystem stability, ecological succession, biogeochemical cycles, and the impact of man. Prerequisites: BIOL 1500 and BIOL 1510.

BIOL 3200 General Ecology/Lab (4 credits)
Basic principles governing the interaction of organisms and their environment including food webs, energy flow, biogeochemical cycles, factors controlling distribution and abundance, biological and species interaction, species diversity, ecosystem stability, ecological succession, and impact of man. Includes laboratory sessions. Prerequisites: BIOL 1500 and BIOL 1510.

BIOL 3210 History of Science (3 credits)
This class is designed to acquaint the student with the history of science, from the onset of rational and organized thought to the current day. Emphasis will be placed on significant events, such as the emergence of the first scientific thinkers of ancient China and Greece, Copernican theory of celestial bodies, Darwin's Origin of Species, and the configuration of DNA.

BIOL 3250 Comparative Vertebrate Anatomy and Physiology (3 credits)
This course is a broad overview of human anatomy and physiology with comparisons to representative vertebrates (e.g., fish, amphibian, reptile, bird, and mammal). The form and function of the human body will be explored using a systems approach. Connections will be drawn between major themes including cell theory, homeostasis, evolution, hierarchy of structure, and unity of form and function for the selected vertebrates. Prerequisites: (BIOL 1450 and BIOL 1460) or (BIOL 1500 and BIOL 1510). BIOL 3251 is a corequisite.

BIOL 3251 Comparative Vertebrate Anatomy and Physiology Lab (2 credits)
This laboratory course parallels the lecture course of the comparative anatomy and physiology course. The form and function of the human body will be explored with comparisons to model vertebrate organisms (fish, frog, turtle, bird, pig, and cat). Connections will be drawn between major anatomy and physiology themes including cell theory, homeostasis, evolution, hierarchy of structure, and unity of form and function. Prerequisites: (BIOL 1450 and BIOL 1460) or (BIOL 1500 and BIOL 1510). BIOL 3250 is a corequisite.

BIOL 3298 Invertebrate Zoology (3 credits)
Basic invertebrate zoology including introductory anatomy, physiology, phylogeny, and ecology of major animal phyla from protozoa through echinoderms with emphasis on marine organisms. This course does not include a lab.

BIOL 3299 Invertebrate Zoology Lab (1 credits)
Basic invertebrate zoology including introductory anatomy, physiology, phylogeny, and ecology of major animal phyla from protozoa through echinoderms with emphasis on marine organisms. This course does not include a lecture.

BIOL 3300 Invertebrate Zoology/Lab (4 credits)
Basic invertebrate zoology including introductory anatomy, physiology, phylogeny, and ecology of major animal phyla from protozoa through echinoderms with emphasis on marine organisms. Includes laboratory sessions. Prerequisites: BIOL 1500 and BIOL 1510.

BIOL 3312 Human Anatomy and Physiology/Lab (5 credits)
This course deals specifically with form and function of human systems. The lecture period stresses human physiology; the laboratory is devoted to anatomy, histology, and physiology. The lecture and laboratory are presented in a unified fashion with the aim that each reinforces the other in presenting a complete picture of functional morphology. Although lower vertebrates are used for comparative purposes, human systems receive major emphasis in both lecture and laboratory. Prerequisite: BIOL 1400 or BIOL 1500.

BIOL 3320 Anatomy and Physiology I/Lab (4 credits)
This is the first part of a two-part course that deals specifically with form and function of vertebrate organ systems. The lecture period stresses human physiology and the laboratory is mainly devoted to gross anatomy. However, the lecture and laboratory are presented in a unified fashion with the aim that each reinforces the other in presenting a complete picture of functional morphology. Although lower vertebrates are used for comparative purposes, mammalian systems receive major emphasis in both lecture and laboratory. Prerequisite: BIOL 1500 or equivalent.

BIOL 3321 Anatomy and Physiology I (3 credits)
This is the first part of a two-part course that deals specifically with form and function of the vertebrate organ systems. The lecture period stresses human physiology. Although the lower vertebrates are used for comparative purposes, the mammalian systems receive major emphasis. This course does not include a lab. Prerequisite: An introductory, college-level biology or zoology course.

BIOL 3322 Anatomy and Physiology I Lab (1 credits)
This is the first part of a two-part course that deals specifically with form and function of the vertebrate organ systems. The lab is mainly devoted to gross anatomy. Although the lower vertebrates are used for comparative purposes, the mammalian systems will receive major emphasis. This course does not include a lecture. Prerequisite: An introductory, college-level biology or zoology course.

BIOL 3330 Anatomy and Physiology II/Lab (4 credits)
This is the second part of a two-part course that deals specifically with form and function of vertebrate organ systems. The lecture period stresses human physiology and the laboratory is devoted to histology and gross anatomy. The lecture and laboratory are presented in a unified fashion with the aim that each reinforces the other in presenting a complete picture of functional morphology. Although lower vertebrates are used for comparative purposes, human systems receive major emphasis in both lecture and laboratory. Prerequisite: BIOL 3320.

BIOL 3331 Anatomy and Physiology II (3 credits)
This is the second part of a two-part course that deals specifically with form and function of the vertebrate organ systems. The lecture period stresses human physiology. Although the lower vertebrates are used for comparative purposes, the human systems receive major emphasis. The course does not include a lab. Prerequisite: BIOL 3320.

BIOL 3332 Anatomy and Physiology II Lab (1 credits)
This is a second part of a two-part course that deals specifically with form and function of the vertebrate organ systems. The lab is mainly devoted to gross anatomy. Although the lower vertebrates are used for comparative purposes, the human systems receive major emphasis. This course does not include a lecture. Prerequisite: BIOL 3320.

BIOL 3340 Instrumentation and Laboratory Techniques (3 credits)
This intensive laboratory session serves to provide students hands-on skills and practical applications for doing biological science. Skills and techniques that have been simulated in previous courses will actually be performed. There will be an emphasis on quantitative analysis and completion of formal laboratory reports. Prerequisites: BIOL 1451, BIOL 1461, BIOL 2400, BIOL 3312 and CHEM 1100 or CHEM 1150.

BIOL 3398 Microbiology (3 credits)
Introduction to basics of morphology, metabolism, growth, genetics, enumeration, and control and public health aspects of bacteria and viruses, with emphasis on marine processes and types. This course does not include a lab. Prerequisites: BIOL 1500, BIOL 1510, and CHEM 1310.

BIOL 3399 Microbiology Lab (1 credits)
Introduction to basics of morphology, metabolism, growth, genetics, enumeration, and control and public health aspects of bacteria and viruses, with emphasis on marine processes and types. This course does not include a lecture. Prerequisites: BIOL 1500, BIOL 1510, and CHEM 1310.

BIOL 3400 Microbiology/Lab (4 credits)
Introduction to basics of morphology, metabolism, growth, genetics, enumeration, and control and public health aspects of bacteria and viruses, with emphasis on marine processes and types. Includes laboratory sessions. Prerequisites: BIOL 1500 and CHEM 1310.

BIOL 3500 Histology/Lab (4 credits)
Histology is the study of tissues. It is the science of relating microscopic cell and tissue structure, to function. The lecture period is devoted to tissue structure and function. In the laboratory session, students will be taught a systematic process in identifying histological sections, and how structure directly relates to function. The lecture and laboratory sessions will complement each other to provide a complete understanding of microscopic anatomy and function. Prerequisite: BIOL 1500 and CHEM 1100 or higher.

BIOL 3590 Genetics (3 credits)
Review of principles of Mendelian and quantitative inheritance considered at a morphological and molecular level, including a survey of population genetics, theories of natural selection, the study of amino acids, and nucleotide

substitutions as "evolutionary clocks." Prerequisites: BIOL 1500, CHEM 1310 and MATH 3020.

BIOL 3599 Genetics Lab (1 credits)
Review of principles of Mendelian and quantitative inheritance considered at the morphological and molecular levels, including a survey of population genetics and theories of natural selection and the study of amino acids and nucleotide substitutions as "evolutionary clocks." This course does not include a lecture. Prerequisites: BIOL 1500, CHEM 1310 and MATH 3020.

BIOL 3600 Genetics/Lab (4 credits)
Review of principles of Mendelian and quantitative inheritance considered at a morphological and molecular level, including a survey of population genetics, theories of natural selection, the study of amino acids, and nucleotide substitutions as "evolutionary clocks." Prerequisites: BIOL 1500, CHEM 1310, and MATH 3020

BIOL 3700 Kinesiology (3 credits)
A study of the anatomy, physiology, and biomechanics of the muscle system as it relates to the principles of movement. Students will learn the muscle groups involved with specific movements and the results of the action of particular muscle groups on overall movement. Both normal and impaired movements will be analyzed. Prerequisite: BIOL 3312 or BIOL 3320.

BIOL 3710 Exercise Physiology (3 credits)
Study of the integration of cardiopulmonary, neuromuscular, and musculoskeletal systems as they apply to the movement of the body through space. Studied at the chemical, cell, and organismal levels. Prerequisite: BIOL 3312 or BIOL 3320.

BIOL 3800 Evolution (3 credits)
This course provides the fundamental principles of evolutionary biology. Coverage will include history of evolutionary thought, population and quantitative genetics, paleobiology and experimental evidence, adaptations and radiation, biodiversity, evolution and development (evo-devo), molecular evolution, the impact of neo-darwinian synthesis, genome evolution, phylogenetics, human evolution, macroevolution and coevolution. Prerequisites: BIOL 1500 and BIOL 1510, Co-requisite BIOL 3600

BIOL 3999 Prior Learning Credit in Biology (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in biology. This course is repeatable up to 12 credits. Prerequisite: approval of director.

BIOL 4200 Neurobiology (3 credits)
This course is an introductory survey that covers nerve function from the molecular level to behavior. The objective is to give the advanced student in the biological sciences insight into fundamental mechanisms of nervous integration. The instructional format will consist of lectures, discussion groups, computer simulations, and guest lectures by practicing neuroscientists.

BIOL 4300 Microbial Pathogenesis (3 credits)
An introduction into the molecular mechanisms used by various microbes (including bacteria and viruses) to infect and cause disease in their hosts. The course will cover microbial attachment, virulence factors, host-parasite interactions, treatment strategies, and mechanisms of drug resistance. Prerequisites: BIOL 3400 and BIOL 3600.

BIOL 4340 Cellular and Molecular Biology (3 credits)
Molecular and biochemical basis of cell structure and function. Topics covered include modern methods for studying cells; cell architecture, growth and divisions; structure and expression of prokaryotic and eukaryotic genes; chromosome structure; development; immune system and cancer biology. This course does not include laboratory sessions. Prerequisites: BIOL 1500 and CHEM 2310.

BIOL 4350 Cellular and Molecular Biology/Lab (4 credits)
Molecular and biochemical basis of cell structure and function. Topics covered include modern methods for studying cells; cell architecture, growth and division; structure and expression of prokaryotic and eukaryotic genes; chromosome structure; development; immune system and cancer biology. This course does not include laboratory sessions. Prerequisite: BIOL 3312 or BIOL 3330.

BIOL 4360 Immunology (3 credits)
A survey of, and introduction to, immunology, which includes innate and specific immunity, recognition of antigens, antibodies, the complement system, cytokines, cancer and the immune system, and autoimmunity. Prerequisites: BIOL 3330, 3400, and BIOL 3600.

BIOL 4380 Discovering Genomics, Proteomics, and Bioinformatics (3 credits)
This course provides students with an overview of the interactions among molecules including DNA, proteins, lipids, and carbohydrates within cells and in the context of applied medical, pharmaceutical, and general biological research. A variety of computer-based tools will be used throughout this course. Prerequisites: TECH 1110 and one of the following: BIOL 3600, BIOL 4340, or BIOL 4450.

BIOL 4390 Advanced Experimental Molecular Biology (3 credits)
This course provides students with an opportunity to conduct laboratory-based research including experiments and data analysis in an advanced area of molecular biology, such as using microarray technology to test hypotheses of gene expression. Students will learn and practice a variety of experimental molecular biology techniques such as RNA extraction, cDNA creation and labeling as well as hybridization to a microarray. Students will subsequently analyze their resulting data. Students are required to prepare a poster describing their experimental work. Prerequisite: BIOL 4380 or consent of the instructor.

BIOL 4400 Developmental Biology (3 credits)
Principles of human cellular differentiation, morphogenesis, and development, with comparisons to lower animal forms. Prerequisites: BIOL 3330 or BIOL 3312.

BIOL 4448 Biochemistry Lab (1 credits)
Chemistry of proteins, lipids, carbohydrates, and nucleic acids and principles in enzymology, metabolism, and bioenergetics. This is a laboratory session course. Prerequisites: BIOL 1500 and CHEM 2200 or CHEM 2410.

BIOL 4449 Biochemistry (3 credits)
Chemistry of proteins, lipids, carbohydrates, and nucleic acids; and principles in enzymology, metabolism, and bioenergetics. Prerequisites: BIOL 1500 and CHEM 2200 or CHEM 2410.

BIOL 4450 Biochemistry/Lab (4 credits)
Chemistry of proteins, lipids, carbohydrates, and nucleic acids; and principles in enzymology, metabolism, and bioenergetics. Prerequisites: BIOL 1500 and CHEM 2200 or CHEM 2410.

BIOL 4900 Special Topics in Biology (1-3 credits)
Topics in advanced biology that are not included in a regular course offering. Prerequisites may be required. Specific content and prerequisites are announced in the course schedule for the given term. Students may re-enroll for Special Topics covering different content. Prerequisite: BIOL 1500.

BIOL 4900A Special Topics in Biology - Biodiversity of North American Ecosystems ¿ Alaska (3 credits)
Topics in advanced biology that are not included in a regular course offering. Prerequisites may be required. Specific content and prerequisites are announced in the course schedule for the given term. Students may re-enroll for Special Topics covering different content. Prerequisite: BIOL 1510.

BIOL 4900B Special Topics in Biology - Biodiversity of North American Ecosystems ¿ Alaska ¿ Field Course (1 credits)
Topics in advanced biology that are not included in a regular course offering. Prerequisites may be required. Specific content and prerequisites are announced in the course schedule for the given term. Students may re-enroll for Special Topics covering different content. Prerequisite: BIOL 4900A.

BIOL 4901 APS Capstone Course in Biological and Physical Sciences (3 credits)
This course is reserved for students who are enrolled in the Applied Professional Studies Program. Through a series of written assignments, this course provides students with an opportunity to integrate previous learning and experience with a concentration in biological or physical sciences to form a unique course of academic study. Given that the APS major is individualized to a large extent based on a student's interests and past experiences, this course ordinarily will be conducted as an independent study and will be taken during the student's last semester prior to receipt of their degree. Prerequisite: to be determined by supervising faculty and the division director.

BIOL 4902 Special Topics in Biology - Botany (4 credits)
This course provides an introduction to laboratory or field based botanical sciences, touching on a variety of topics. The complementary laboratory course helps to reinforce and elucidate the lecture material. We will explore several introductory aspects of plant biology including anatomy, physiology, general plant groups, and ecology. The course will provide an introduction to plant diversity demonstrating how plants are essential for life on Earth, how plant function is related to their form, and the interactions and processes needed for plants to form complex habitats and ecosystems. Prerequisite: BIOL 1510.

BIOL 4950 Internship in Biology (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

BIOL 4990 Independent Study in Biology (1-3 credits)
The student selects and independently carries out library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: to be determined by the faculty and the division director.

BSV—BSV-BSHS Vascular Sonography

BSV 3100 Ultrasound Physics & Lab I (3 credits)
This course is designed to introduce the students to the fundamental principals of sound and ultrasound. Students will learn how sound is generated, transmitted, and reflected in soft tissue.

BSV 3110 Advanced Anatomy for Health Pr (4 credits)
This course is a survey of human physiology and includes functional anatomy. It will be presented in an organ system approach and will cover cellular physiology and cardiovascular, renal, respiratory, gastrointestinal, endocrine, reproductive, and nervous systems. The course emphasizes the correlation between anatomy and function, clinical application and uses of anatomical terminology. Students apply these concepts in the anatomy laboratory setting, using resources such as cadaver dissection, radiographs, MRI, CT, and scans.

BSV 3200 Ultrasound Physics Review (1 credits)
Ultrasound physics review is designed to integrate the principles of ultrasound physics with the theoretical and practical lessons provided in the previous and current sessions. Student will learn the fundamentals of image acquisition and optimization as it pertains to ultrasound physics.

BSV 3210 Clin Phys (3 credits)
This course is designed to develop general understanding of human physiology and pathology for the vascular sonographer. Students will learn the function of the human system and the overall relationship to the structure of the human body. More specific vascular physiology and pathology will be provided in the system courses.

BSV 3211 Pharmacology (1 credits)
This is a brief introduction into the general field of pharmacology with an emphasis on medications used for the treatment of vascular disorders. Students will learn basic understanding of calculation, dosage and administration as well as common medications generally taken by patients with chronic illnesses.

BSV 3220 Intro Diagnostic Med Sonograph (2 credits)
This course is designed as an introduction to diagnostic medical ultrasound and will provide the basis for the core courses in specific vascular exam modalities studied in the winter and summer terms. The course will therefore be primarily taught in the ultrasound training laboratory, will privilege hands-on and participation over lectures, and will emphasize: understating of equipments, transducer manipulation, ergonomics, patient rapport, image production and optimization. This course will also be strongly link to the introduction to ultrasound physics course.

BSV 3300 Cerebrovascular Testing/Lab (4 credits)
This course will review the cerebrovascular anatomy and physiology associated with cerebrovascular disease. The student will learn the scanning protocols for extra and intracranial cerebrovascular testing and the diagnostic criteria for assessing disease. The student will also review various diagnostic and treatment options for the patient.

BSV 3400 Venous Testing/Lab (4 credits)
This course will review the venous anatomy and physiology associated with the venous system. The student will learn the scanning protocols for deep and superficial venous testing and the diagnostic criteria for assessing disease. The student will also review the various diagnostic and treatment options for the patient.

BSV 3500 Peripheral Arterial Testing (5 credits)
This course will review the peripheral arterial anatomy and physiology associated with the peripheral arterial system. The student will learn the scanning protocols for upper and lower extremity arterial testing and the diagnostic criterial for assessing disease. The student will also review various diagnostic and treatment options for the patient.

BSV 3600 Abdominal Vascular Testing/Lab (5 credits)
This course will review the abdominal anatomy and physiology associated with visceral vascular disease. The student will learn the scanning protocols for abdominal vascular testing and the diagnostic criteria for assessing disease. The student will also review various diagnostic and treatment options for the patient.

BSV 3700 Clinical Preparation & Review (4 credits)
Clinical Preparation and Review is a course designed to review general medical anatomy and physiology, terminology, treatment, and surgical and non-surgical options used in the treatment of vascular disease. It is designed to reinforce the non-technical/ultrasound components of the training including clinical ethics, diagnostic and treatment options and others non-imaging skills including EKG, lab correlation and patient/sonographer interaction. This course is to insure the student is well prepared for the clinical experience that will follow.

BSV 4500 Clinical Externship I (12 credits)
The first 12 weeks of the clinical externships is designed mmerse the student to the vascular laboratory and health care environment. The student will be expected to transport and or escort patients into the examination room, prepare patients for procedures, initially observe and later perform ormal studies as requested by the preceptor and prepare studies for interpretation. Students will continue complete competency base assessment reports each week to the clinical instructor and clinical coordinator.

BSV 4600 Clinical Externship II (12 credits)
This segment of the externship is designed to transition the student into less directly supervised vascular testing and more independent scanning. The student will be expected to complete normal and abnormal studies and write technical impressions on the studies performed and present and document findings of the study. Students will continue complete competency based assessment reports each week to the clinical instructor and clinical coordinator.

BSV 4700 Clinical Externship III (12 credits)
The final clinical externship is designed to insure the student has gained an independent level of competency with both normal and abnormal studies with greater technical expertise and efficiency. The student will be expected to complete abnormal studies completely independently, present cases to the technical and medical director, and write technical impressions on the studies performed. Students will continue to complete competency based assessment reports each week to the clinical instructor and clinical coordinator.

BSV 5105 Basic Life Support (1 credits)
This course is a basic adult CPR course. Students will be instructed in recognizing the signs and symptoms of both respiratory and cardiac arrest and the techniques used to implement cardiac and pulmonary resuscitation. Completion of the course will result in American Heart Association (AHA) certification.

CHEM—Chemistry

CHEM 1040 Chemistry and Society (3 credits)
Students in this course are provided with knowledge of chemical principles principally in terms of concepts. They will evaluate the importance of scientific inquisitiveness in everyday life. The course will include, but not be limited to, topics such as chemical inventions, environmental chemistry (water, air, pollution regulation, hazardous waste, greenhouse gases, global warming, soil chemistry, fertilizer, pesticides), food chemistry (vitamins, minerals, growth hormones, food additives, preservatives, antioxidants), energy sources (batteries, fuels, power plants, solar energy, nuclear reactors), synthetic materials (polymers, ceramics, glass, fabrics, modern materials, adhesives, paints), medicinal chemistry (vision, cancer therapy, prescription drugs, antibiotics, psychoactive drugs), biochemicals (proteins, enzymes, carbohydrates,

hormones, lipids), consumer chemicals (cosmetics, cleansing agents, perfumes), and chemical warfare agents and poisons.

CHEM 1080 History of Chemistry (3 credits)
This course will cover selected aspects concerning the history of chemistry. The course will present important theories and/or experiments and their progenitors for several aspects in the historical development of chemistry. Topics include atomic theory, chemical bonding, the periodic table, gas laws, organic chemistry, nuclear chemistry, industrial chemistry, electrochemistry, spectroscopy, chemical warfare and explosives, instrumentation, and technology. These topics will be closely linked to the scientists and their times.

CHEM 1100 Fundamentals of Chemistry (3 credits)
This course is an introduction to chemistry for non-science major students and/or students that need a basic background in chemistry. The course explores concepts of matter, atoms, molecules, foundation of energy and the nature of matter. Upon this foundation students will investigate chemical reactions, chemical nomenclature, reaction stoichiometry, acid/base theory, and continue with chemical periodicity, and chemical bonding. Prerequisite: MATH 1040 or higher.

CHEM 1101 Fundamentals of Chemistry Lab (1 credits)
The series of lab experiences connects science with both teaching and real-world application. Students are taught how to convert scientific themes into investigative packets for the middle school student. This laboratory course provides hands-on experiences relevant to the concepts taught in Fundamentals of Chemistry (CHEM 1100). The lab will be taught in a format that utilizes accessible equipment and supplies that would be available or could be assembled in most middle school classrooms. The scientific method will be emphasized and students will be involved in developing, assembling, and conducting the laboratory experiences. Recording and analyzing data will be done using computer spreadsheets. Multimedia simulations, the Internet, and community resources will be employed. During this lab, students will add to their portfolio of notes, demonstrations, and resources applicable to the middle school classroom. This course is taken in conjunction with CHEM 1100. Prerequisite: MATH 1040.

CHEM 1150 Essentials of Chemistry (3 credits)
A one-semester study of the essentials in chemistry with a foundation of energy and the nature of matter. Upon this foundation students will investigate chemical compounds, chemical reactions, chemical nomendature, and reaction stoichiometry. It continues with chemical periodicity, chemical bonding, and gases. The course concludes with an introduction to kinetics, equilibrium, acid/base theory, and redox reactions. Prerequisite: MATH 1040 or higher.

CHEM 1280 General Chemistry I Lab (1 credits)
Basic chemical calculations, periodicity, bonding, inorganic reaction, and kinetics. First half of General Chemistry Continuum. Prerequisite: MATH 1200.

CHEM 1290 General Chemistry II Lab (1 credits)
Laboratory course which covers thermodynamics, acid-base reactions, electrochemistry, and nuclear chemistry. This course does not include a lecture. Prerequisite: CHEM 1300.

CHEM 1300 General Chemistry I/Lab (4 credits)
Basic chemical calculations, periodicity, bonding, inorganic reactions, and kinetics. First half of General Chemistry Continuum. Includes laboratory sessions. Prerequisites: MATH 1200 and a passing grade on the chemistry placement exam; or MATH 1200 or higher and CHEM 1100.

CHEM 1300H General Chemistry I/Lab Honors (4 credits)
The course includes basic chemical calculations, periodicity, bonding, and inorganic reactions. It is the first half of the General Chemistry Continuum. Includes laboratory sessions. Prerequisites: MATH 1200; Honors Students Only.

CHEM 1310 General Chemistry II/Lab (4 credits)
Continuation of General Chemistry Continuum including thermodynamics, acid-base reactions, electrochemistry, and nuclear chemistry. Includes laboratory sessions. Prerequisite: CHEM 1300.

CHEM 1310H General Chemistry II/Lab Honor (4 credits)
Continuation of General Chemistry Continuum including thermodynamics, acid-base reactions, electrochemistry, and nuclear chemistry. Includes laboratory sessions. Prerequisites: CHEM 1300; Honors students only.

CHEM 1320 General Chemistry I (3 credits)
Basic chemical calculations, periodicity, bonding, inorganic reactions, and kinetics. First half of General Chemistry Continuum. This course does not include a lab. Prerequisites: MATH 1200 and CHEM 1100, or satisfactory score on chemistry placement exam.

CHEM 1330 General Chemistry II (3 credits)
Continuation of a General Chemistry Continuum including thermodynamics, acid-base reactions, electrochemistry, and nuclear chemistry. This course does not have a lab. Prerequisite: CHEM 1300.

CHEM 1500 Introduction to Environmental Chemistry (3 credits)
This course teaches the basic principles of chemistry using examples from the environment. Through a brief introduction to areas of inorganic, organic, and biochemistry, the diversity of chemical pollutants in the environment will be explored. Emphasis will be placed on environmental issues such as the sources of chemical pollutants, the reactions that produce them, and their toxicity. A basic level of algebra is essential. Prerequisite: MATH 1030 or higher.

CHEM 1999 Prior Learning Credit in Chemistry (1-12 credits)

This course number and prefix indicate award of lower-level undergraduate prior learning credit in chemistry. This course is repeatable up to 12 credits. Prerequisite: approval of director.

CHEM 2190 Essentials of Organic Chemistry (3 credits)
A one semester study of the structure, nomenclature, preparation, properties, and reactions of organic compounds, organized by functional groups and reaction mechanisms. This course does not include a lab.

CHEM 2200 Essentials of Organic Chemistry (4 credits)
A one-semester study of the structure, nomenclature, preparation, properties, and reactions of organic compounds, organized by functional groups and reaction mechanisms. Includes laboratory sessions. Prerequisite: CHEM 1310.

CHEM 2210 Essentials of Organic Chemistry Lab (1 credits)
A one-semester lab study of the structure, nomenclature, preparation, properties, and reactions of organic compounds, organized by functional groups and reaction mechanisms. This class does not include a lecture.

CHEM 2240 Bio-Organic Chemistry (3 credits)
Introduction to structure, properties, and reactions of major organic chemical groups with emphasis on those important in biochemical processes, biological macromolecules, and basics of carbohydrate, lipid, and protein metabolism. This course does not include a lab. Prerequisite: CHEM 1310.

CHEM 2250 Bio-Organic Chem/Lab (4 credits)
Introduction to structure, properties, and reactions of major organic chemical groups with emphasis on those important in biochemical processes, biological macromolecules, and basics of carbohydrate, lipid, and protein metabolism. Includes laboratory sessions. Prerequisite: CHEM 1310.

CHEM 2380 Organic Chemistry I (3 credits)
The chemistry of carbon compounds, including their structure, nomenclature, preparation, reactions, analysis and properties. Reaction mechanisms are stressed, within a functional group framework. This course does not include a lab. Prerequisite: CHEM 1310.

CHEM 2390 Organic Chemistry II (3 credits)
Continuation of Organic Chemistry I. This course does not include a lab. Prerequisite: CHEM 2400.

CHEM 2400 Organic Chemistry I/Lab (4 credits)
The chemistry of carbon compounds, including their structure, nomenclature, preparation, reactions, analysis, and properties. Reaction mechanisms are stressed within a functional group framework. Includes laboratory sessions. Prerequisite: CHEM 1310.

CHEM 2410 Organic Chemistry II/Lab (4 credits)
This course and related labs, the second part of a two-part sequence, studies the chemistry of carbon compounds, including their structure, nomenclature, preparation, reactions, analysis, and properties. Reaction mechanisms within a functional group framework are stressed. Stability and reactivity, nucleophilicity and electrophilicity, spectroscopy, and structure-activity relationships will also be examined. Prerequisite: CHEM 2400.

CHEM 2420 Organic Chemistry I Lab (1 credits)
Laboratory session covering the chemistry of carbon compounds, including their structure, nomenclature, preparation, reaction, analysis, and properties. Reaction mechanisms are stressed within a functional group framework. This course does not include a lecture.

CHEM 2430 Organic Chemistry II Lab (1 credits)
Continuation of Organic Chemistry I laboratory session. This course does not include a lecture.

CHEM 2600 Environmental Chemistry (3 credits)
This course introduces the principles and chemical processes that control chemical reactions in natural systems. Precipitation, complexation, redox, and absorption will be applied to aquatic, marine, terrestrial, and atmospheric systems. Examples will cover wastewater treatment, pollutant fates, and assessment of environmental outcomes. Prerequisite: CHEM 2200 or CHEM 2400.

CHEM 3000 Chemical Literature (1 credits)
The history and structure of chemical literature will be covered. The history, structures and use of literature search tools will also be covered. The use of chemical literature searches and the literature itself in the preparation of scientific proposals and papers will be emphasized. Prerequisite: CHEM 2410.

CHEM 3101 Chemistry Seminar (3 credits)
This chemistry seminar course is designed to familiarize students with the availability and expectations of different chemistry professions, the basic nature of science and chemistry, ethical issues in chemistry, and the preparation and critical analysis of research seminars. This will be done through lectures by departmental faculty, as well as, seminars by guest speakers and literature research projects. Prerequisites: CHEM 2410 and CHEM 3000.

CHEM 3400 Biophysical Chemistry (3 credits)
Biophysical Chemistry covers thermodynamics concepts, electrochemistry, and introduction to statistical mechanics and their relation to thermodynamics functions. This course will explore a range of topics at the intersection between chemistry and biology. Prerequisites: Completion of MATH and PHYSICS sequences, BIOL 1510 and CHEM 2410.

CHEM 3460 Quantitative Analysis/Lab (4 credits)
The quantitation of chemical substances in complex mixture is the focus of this lab intensive course. Methods of sample preparation and analysis will be examined. The mathematical treatment of data to produce quantitative information for chemical substances will also be emphasized. Prerequisites: CHEM 1310 or CHEM 1310H.

CHEM 3600 Geochemistry (3 credits)
This course is an introduction to geochemistry.

Geochemistry involves the study of the chemical composition of the entire Earth, the differentiation of the chemistry of different parts of the Earth, and the description of the formation, distribution, and physical and chemical characteristics of the materials that make up the Earth. How the age of the Earth is determined and how processes occurring on the Earth are studied using chemical indicators will be introduced. Comparisons of differing models for the geochemistry of the Earth will be introduced and evaluated. The course will conclude with how human activity impacts the chemical environment of the Earth. Prerequisite: CHEM 2200 or CHEM 2410.

CHEM 3650 Biochemistry/Lab (4 credits)
The chemical properties of amino acids, monosaccharides, lipids and nucleotides are discussed. The structure of proteins, carbohydrates and biological membranes are studied. Mechanisms of enzymatic catalysis are outlined in detail with an emphasis on the structure/function of cofactors. Glycolysis and citric acid cycle are described. Electron transport and ATP synthesis are discussed in both mitochondria and chloroplasts. Metabolism of lipids, amino acids and nucleotides are presented. In addition to mechanistic studies of biochemical pathways and cycles, regulation of these processes is also covered. Prerequisites: BIOL 1500 and CHEM 2200 or CHEM 2410.

CHEM 3700 Physical Chemistry I/Lab (4 credits)
Physical Chemistry I covers thermodynamics, chemical equilibrium, phase equilibrium, chemistry of solutions, kinetic theory, and reaction kinetics. Prerequisites: MATH 3100 or MATH 3400, PHYS 2500, and CHEM 2410.

CHEM 3710 Physical Chemistry II/Lab (4 credits)
Physical Chemistry II is a continuation of the study of physical chemistry and covers chemical statistics, quantum mechanics, atomic and molecular spectroscopy, and molecular structure. This course also includes a lab which explores lab techniques used in physical chemistry. Prerequisite: CHEM 3700.

CHEM 3999 Prior Learning Credit in Chemistry (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in chemistry. This course is repeatable up to 12 credits. Prerequisite: approval of director.

CHEM 4005 Inorganic Chemistry I (3 credits)
Inorganic Chemistry I is an introduction to modern inorganic chemistry. The principles of molecular structure, bonding, periodicity, band theory, and chemical reactivity with application to compounds of the main group and transition elements are covered. Prerequisite: CHEM 2410.

CHEM 4010 Inorganic Chemistry II/Lab (4 credits)
Inorganic Chemistry II/Lab is a continuation of Inorganic Chemistry I. The course deals with important concepts of advanced inorganic chemistry including ligand field, reactions mechanisms, and the 18 electron rule for inorganic and organometallic compounds. Lab: Modern techniques of inorganic and organometallic chemistry including experience with glovebox, Schlenk line, and vacuum line methods. Prerequisite: CHEM 4005.

CHEM 4100 Chemical Analysis (3 credits)
This is an applied chemistry course designed to emphasize the typical analytical methods used in chemistry. The course will focus on wet chemical analysis and chemical instrumentation. Classical wet methods such as titrimetry, gravimetry, ion exchange, chromatography, potentiometry, and electrochemistry will be supplemented with more modern analytical instrumental methods such as UV-visible spectrophotometry, FT-IR, GC, fluorimetry, and atomic spectroscopy (absorption and emission). The course will also provide a background in quality assurance and quality control. A sound understanding of the process of error minimization will also be provided. Prerequisite: CHEM 2200 or CHEM 2410.

CHEM 4101 Senior Chemistry Seminar (1 credits)
This senior seminar course is designed for chemistry major students in their senior year. It prepares students to give a seminar on their undergraduate research or a literature investigation of a related area. Prerequisites: Completion CHEM 2410 and CHEM 3101.

CHEM 4150 Chemical Instrumentation (4 credits)
This is an applied chemistry course designed to emphasize the typical instrumentation methods used in chemistry. The course will focus on chemical analysis and chemical instrumentation. Classical methods such as gas chromatography, liquid chromatography, potentiometry, and electrochemistry will be supplemented with more modern and analytical instrumental methods such as UV-visible spectrophotometry, FT-IR, GC, fluorimetry, NMR, and atomic spectroscopy (absorption and emission). Prerequisites: CHEM 2410.

CHEM 4200 Plant Drug Analysis (3 credits)
This course introduces the chemical techniques used to extract, separate, and identify medicinal drugs derived from plants. Eleven major drug classes--essential oils, alkaloids, anthracene derivatives, argutin, bitter principle, coumarin, flavinoids, cardic glycoside, saponin, pungent principle, and mustard oil--will be covered. The course also examines the botanicals they are derived from. By the end of the course, the student is expected to execute a qualitative screening of an unknown drug and identify its class and the major pharmaceutical components present. Prerequisites: CHEM 1300, CHEM 1310, CHEM 2200, or CHEM 2410.

CHEM 4300 Clinical Chemistry (3 credits)
This course examines the application of chemistry and biochemistry to the diagnosis of human disease. Clinical laboratory scientists (also known as medical technologists) perform chemical, microbiological, and immunological tests on body fluids in a medical laboratory. The results of these tests are used by physicians and clinicians in preventing, diagnosing, and treating disease. This course will review these techniques as they apply to diagnosis and treatment of disease, organ transplants, therapeutic drug monitoring, crime investigation, genetic studies, and home testing kits. The impact of technology on the application of clinical

chemistry will also be examined. Prerequisites: CHEM 2200 or CHEM 2410.

CHEM 4400 Bio-Inorganic Chemistry (3 credits)
This course gives the advanced undergraduate student an overview of metal sites in biology, i.e. those aspects of inorganic chemistry that are of relevance to biochemistry. Metalloproteins will be viewed as elaborated inorganic complexes. Topics discussed will include the basic ideas of bonding in coordination compounds, unique features of the protein ligand, physical methods used to study active sites, and the correlation of the structures of these sites to their biological function. Prerequisites: BIOL 1500 and CHEM 1310.

CHEM 4900 Special Topics in Chemistry (1-3 credits)
Topics in advanced or special applications of chemistry that are not covered in General or Organic Chemistry. Prerequisites may be required. Specific content and prerequisites are announced in the course schedule for the given term. Students may reenroll for special topics covering different content.

CHEM 4900A Special Topics in Chemistry: Principles of Medicinal Chemistry (3 credits)
The organic chemistry of medicinal agents: understanding the relationships between chemical structure and their individual mode of action. Including the principles involved in drug discovery and development, and in enzyme-inhibition. The first half will focus on the chemical and biochemical background needed to understand modern medicinal chemistry, whereas the second half will concentrate on the medicinal chemistry of select receptor-agent interactions. Prerequisite: CHEM 2410.

CHEM 4950 Internship in Chemistry (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

CHEM 4990 Independent Study in Chemistry (1-12 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: to be determined by the faculty and division director.

CHIN—Chinese

CHIN 1210 Elementary Mandarin Chinese I (3 credits)
Essentials of Modern Standard Mandarin Chinese language with emphasis on reading and oral skills and a limited amount of writing. Introduction to Chinese cultures. Not open to native speakers.

COMM—Communication

COMM 1999 Prior Learning in Communications (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in communication. This course is repeatable up to 12 credits.

COMM 2010 Introduction to Print Journalism (3 credits)
This course centers on instruction in the forms, methods, and styles of news and information writing for print publications. Emphasis will be placed on journalistic research methods, style conventions, and journalistic ethics. Prerequisite: COMP 2000 or 2020.

COMM 2100 Mass Media (3 credits)
An examination of the impact of technology on the way we receive and process information and images, the basic legal and economic structure of the mass media, historical precedents and events of mass media, the new cultural forms that have emerged from mass media, and the nature and implications of developing media technologies. Prerequisite: COMP 1500.

COMM 2200 Introduction to Broadcast Journalism (3 credits)
Training in the elements of broadcast reporting with emphasis on the modern electronic news story. Students will learn the elements of broadcast news, the style and structure of broadcast news writing, and the technology of radio production. Prerequisite: COMP 1500.

COMM 2300 Intercultural Communication (3 credits)
The purpose of this course is to develop an understanding of communication across cultural boundaries and the role of diversity in interpersonal, public, and mass communication. Students will study communication differences across cultures and the importance of being rhetorically sensitive when communicating with diverse audiences. Prerequisite: COMP 1500

COMM 2900 Research Methods in Communication (3 credits)
This course teaches the student to understand and interpret research applications, methods and results, and practice basic research writing skills. Students will become familiar with qualitative and quantitative research methods commonly required in communication studies. Prerequisites: One COMM or SPCH course and COMP 2000 or COMP 2020.

COMM 3050 Performance Studies (3 credits)
This course offers students an opportunity to examine the many genres of cultural performance theatre, dance, music, ritual, visual art, performance art, community activism, storytelling, public gatherings, etc. The course challenges students to observe social customs and gain a global understanding of culture and performance through readings, workshop performances, and lectures. Prerequisites: SPCH 1010, SPCH 1010H, SPCH 1999 or SPCH 2020 and COMP 2000, 2010 or 2020.

COMM 3100 Gendered Images in Popular Culture (3 credits)

This course examines gendered images in popular media other than literature, including film, music videos, television, and comic books, and their impact on mainstream America. Prerequisites: one GEST or COMM course; and COMP 2000, COMP 2010 or COMP 2020.

COMM 3110 Communication Theory (3 credits)
This course focuses on different theories of communication at the levels of interpersonal, public, and mass communication. Students will learn numerous perspectives on the role and value of human interaction from fundamental communication theories and models to contemporary theoretical approaches for understanding the connection between human communication and human behavior. Prerequisites: one COMM course; and COMP 2000, COMP 2010, or COMP 2020.

COMM 3200 Principles of Public Relations (3 credits)
This course focuses on the nature, role, and scope of public relations on national and international levels. Topics introduced are organizational behavior and the ways in which it is shaped, public relations ethics, public relations practice in private and public arenas, emphasizing management and public relations strategy. Prerequisites: SPCH 1010, SPCH 1010H, SPCH 1999, SPCH 2000, SPCH 2020, SPCH 3120, COMM 2100 or COMM 2200 and COMP 2000, 2010 or 2020.

COMM 3500 Media Regulation (3 credits)
Media Regulation: Survey of media policy and regulation emphasizing issues of libel, free speech, privacy, confidentiality of information and sources, as they pertain to mass media, advertising, and public relations. Prerequisites: one COMM course and COMP 2000, 2010, or 2020.

COMM 3600 Persuasion (3 credits)
Students will learn theories and strategies relevant to the study of public persuasion and social influence. Topics will focus on the role of persuasion in public address, advertising, business, politics, government, and social movements. Students will study the tools and techniques used to understand audiences for the purposes of marketing communication messages. Prerequisites: One COMM course and COMP 2000 or COMP 2020.

COMM 3999 Prior Learning in Communications (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in communication. This course is repeatable up to 12 credits.

COMM 4000 Writing for Public Relations (3 credits)
This course focuses on the process of writing in the practice of public relations, including research and composition of the following types of documents/publications: annual reports, news releases, brochures, communication audits, direct mail campaigns, newsletters, PSAs, and organization profiles. Prerequisite: COMM 3200.

COMM 4500 Media and Cultural Studies (3 credits)
This course will provide students with a comprehensive examination of social theories and their relationship to the critical understanding of mass communication. The course will address issues raised by the contemporary communication environment in relation to people's complex interactions with popular media. Students will explore the relationship between the media and modernity and will analyze the impact of media on modern societies. The course will explore some key issues of social theories as applied to media phenomena, including the concepts of ideology, hegemony, culture and the public sphere through the work of key theorists and case study analysis. Prerequisites: COMM 2900 and COMP 2000 or COMP 2020.

COMM 4900 Special Topics in Communication (3 credits)
This course offers a cross-sectional view of the media through a focus on a particular medium, theme, or genre. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one COMM course or one SPCH course; and COMP 2000, COMP 2010 or COMP 2020.

COMM 4950 Internship in Communication (1-12 credits)
A 10-20 hour per week field or work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisite: cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and permission of division director.

COMM 4990 Independent Study (3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisite: one COMM course; and COMP 2000, 2010, or 2020.

COMP—Composition

COMP 1000 Basic Writing (3 credits)
A writing workshop emphasizing basic writing skills such as mechanics, organization, and critical reading. The course focuses primarily on the writing process; grammar; and the production of clear, well-structured essays. This course prepares students for COMP 1500.

COMP 1500 College Writing (3 credits)
A writing workshop with instruction in the principles and skills of argumentation and critical reading. Students will receive instruction in basic methods of research and documentation of sources and in computer use. Prerequisites: SAT Verbal score of 520, ACT English score of 22, a TOEFL score of 650 (paper) or 280 (computer), a passing Writing Challenge Exam, or COMP 1000.

COMP 1500H College Writing Honors (3 credits)
A writing workshop with instruction in the principles and skills of argumentation and critical reading. Students will

receive instruction in methods of research and documentation of sources and in computer use. Prerequisite: SAT verbal score of 520, ACT English score of 22, a TOEFL score of 650 (paper) or 280 (computer), a passing score on the Writing Challenge Exam, or COMP 1000. Honors students only.

COMP 1999 Prior Learning in Composition (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in composition. This course is repeatable up to 12 credits.

COMP 2000 Advanced College Writing (3 credits)
A writing workshop with advanced instruction in argumentation as it applies in various professional settings. The course also includes additional instruction in critical reading, research, and writing. Prerequisite: COMP 1500.

COMP 2000H Advanced College Writing Honors (3 credits)
A writing workshop with advanced instruction in argumentation as it applies in various professional settings. The course also includes additional instruction in critical reading, research, and writing. Prerequisite: COMP 1500. Honors students only.

COMP 2020 Writing About Literature (3 credits)
A writing workshop that provides advanced instruction in argumentation and an introduction to literary genres that may include poetry, fiction, drama, and essays. Prerequisite: COMP 1500.

COMP 3999 Prior Learning in Composition (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in composition. This course is repeatable up to 12 credits.

CRJU—Criminal Justice

CRJU 1100 Introduction to Criminal Justice (3 credits)
This course includes an overview of the agencies and individuals that comprise the American criminal justice system. Students will examine the theories that seek to explain the "causes" and "cures" of crime. The major focus is on the development and operation of law enforcement, courts, and corrections. Topics include history, structure, functions, and philosophy of the criminal justice system and its relationship to life in our society.

CRJU 1200 Criminal Law (3 credits)
This course covers the study of substantive criminal law. Students learn the elements of major crimes and defenses. Students also examine the distinctions between various state statutes, the common law, the Bill of Rights, and the Model Penal Code. Topics include sources of substantive law, classification of crimes, parties to crime, elements of crimes, and matters of criminal responsibility.

CRJU 1999 Prior Learning Criminal Justice (1-12 credits)
This course number and prefix indicate award of lower-level prior learning credit in Criminal Justice. This course is repeatable up to 12 credits.

CRJU 2000 Constitutional Issues (3 credits)
This course will provide a general review of the U.S. Constitution and Bill of Rights, especially the constitutional basis for criminal law and the impact of the Constitution and its amendments on the criminal justice system. Students also examine the constitutional aspects of criminal procedure, including searches, seizures, arrests, interrogation, the pretrial process, trial, sentencing and appeal. Prerequisite: CRJU 1100 or CRJU 1200.

CRJU 2100 Policing (3 credits)
This course covers the historical development of policing, current trends, education, training, models of policing and ethical implications. Students will explore the role that police play in society as well as their relationship with the communities that they serve. Additionally, state and federal levels of law enforcement will be reviewed. Prerequisite: CRJU 1100 or CRJU 1200.

CRJU 2400 Court Systems and Procedures (3 credits)
The court process is complex and affects both policing and corrections, this course will delve into the authority, power, and limitations of the court systems of America. While focusing on the dynamics of American court systems, each class will accentuate crucial aspects of law and procedure on-the-books contrasted with law-in-practice. The key personnel of court system will be highlighted, with an emphasis placed on authentic real-life situations, not just participant's ideal behaviors and actions. Further, controversial issues and technological changes will be addressed, including their impact on the contemporary American court systems and procedures. Prerequisites: (CRJU 1100 or CRJU 1200) and CRJU 2000.

CRJU 3100 Juvenile Delinquency (3 credits)
An orientation to the issues, policies and procedures that make up the juvenile justice system. This course will cover the historical and theoretical principals of juvenile justice, including the functions and legal responsibilities of the police, probation, juvenile court, and the juvenile corrections system in the United States. Emphasis will be placed on the social forces that cause children to become involved in the juvenile justice system. Prerequisites: (CRJU 1100 or CRJU 1200) and CRJU 2400.

CRJU 3250 Interviewing, Interrogation, and Report Writing (3 credits)
This course will cover the gathering of information by law enforcement officials from individuals in both an interview and interrogation environment. Emphasis will be placed upon preparation for questioning, discussion setting, general questioning techniques, specific offender type strategies, recognition of deception, obtaining admissions, documentation of confessions, ethical aspects of investigations and legal rights of those interviewed/interrogated. Further, the composition and writing of reports will be covered with an emphasis on

clarity, precision and brevity. Prerequisites: (CRJU 1100 or CRJU 1200) and CRJU 2100.

CRJU 3300 Corrections in America (3 credits)
An analysis of corrections with an in-depth view of the major components of the field. Emphasis is placed on the various systems of corrections, the practice of corrections, institutional custody, community-based corrections, probation and parole, the correctional client and the death penalty. Special attention will be given to trends in incarceration rates, including race, ethnicity, sex, special offenders and enhanced sentencing. Prerequisite: CRJU 1100 or CRJU 1200.

CRJU 3400 Criminal Investigations (3 credits)
This course will cover the fundamentals of investigation, crime scene search and recording, the collection, documenting and submission of evidence, scientific aids to criminal investigation, interviews and interrogation, follow-up investigation and case preparation. Emphasis is placed on the investigation of specific crimes, identification of information sources and procedures required for the handling of evidence. Also discussed are the legal elements of the crimes and field techniques for the gathering of data and presentation of cases to the courts. Prerequisites: (CRJU 1100 or CRJU 1200) and CRJU 2100.

CRJU 3999 Prior Learning in Criminal Justice (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Criminal Justice. This course is repeatable up to 12 credits.

CRJU 4000 Victimology (3 credits)
This course will examine both the institutional and social factors and the issues and developments within the legal process that are relevant to the study of victims of crime. This includes an examination of the definition of a victim, crime, and a historical review of the role of the victim in the criminal justice system. Topics in this course may include psychological impacts of crime, the impact of victimization, legal approaches to victims, services provided to victims, restorative justice and emerging trends in the field of victimology. Prerequisite: CRJU 1100 or CRJU 1200.

CRJU 4300 Criminology (3 credits)
This course is designed to familiarize students with theories of criminal behavior and basic research methodology in criminal justice and criminology. Specifically, students will examine the scientific study of crime and criminals. Throughout the course various topics will be covered, including criminological theory, defining and measuring crime, contemporary crime patterns and types of crime. Prerequisite: (CRJU 1100 or CRJU 1200) and (CRJU 2000, CRJU 2100 and CRJU 2400).

CRJU 4500 Research Methods in Criminal Justice (3 credits)
This is an introductory course in research methodology in criminal justice. It is designed to introduce the student to basic concepts and problems encountered in quantitative and qualitative investigation, including types of data and measurement, sampling, probability, and research design. This course will emphasize examples of methodology in the field and utilize actual data. Prerequisites: (CRJU 1100 or CRJU 1200) and (CRJU 2000 and CRJU 2100 and CRJU 2400).

CRJU 4600 Gangs in America (3 credits)
This course will cover various aspects of the gang problem that involve the criminal justice system, including gang enforcement by law enforcement, gang laws and pending legislation, gang prosecution, and the effect of the gang culture on the streets of America. Also discussed are issues dealing with gang theory, including concepts of street gangs, graffiti, violence, and gang structure and organization. Students will explore the reasons why gangs exist, how they are formed, and the impact of gang crime and victimization on society.

CRJU 4700 Special Topics in Criminal Justice (3-6 credits)
Topics in criminal justice that are not included in regular course offerings and may be taken without prerequisites. Specific content is announced in the course schedule for a given term. Students may re-enroll for special topics covering different content.

CRJU 4950 Internship in Criminal Justice (3 credits)
This course is designed to provide students with an opportunity to integrate academic and experiential knowledge. Students will be placed in an agency or organization, of their choice, related to the practice of criminal justice. Additionally, students are required to complete a minimum of 140 hours at the internship placement site during the 16 weeks of enrollment. Prerequisites: (1) a minimum grade point average of 2.5 as calculated by NSU; (2) completion of 60 credit hours and CRJU 4500; (3) an approved placement site prior to enrolling in the course; and (4) permission from the academic director.

CRJU 4990 Independent Study in Criminal Justice (3 credits)
The student selects and carries out independently library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: CRJU 1100 or CRJU 1200 and written consent of instructor and division director.

CSAD—Comm Sci & Disorders

CSAD 2000 Introduction to Hearing, Speech and Language (3 credits)
Understanding of speech, language, and hearing disorders and their classifications, manifestations, and etiologies.

CSAD 3010 Phonetics (3 credits)
History, theory, and application of phonetics, including sampling and transcription techniques.

CSAD 3020 Anatomy & Physiology of the Speech and Hearing Mechanism (3 credits)
Introduction to the anatomy and physiology of the auditory and vocal mechanisms.

CSAD 3030 Speech & Language Development (3 credits)
Study of prelinguistic and psycholinguistic variables related to normal development from infancy through adolescence.

CSAD 3040 Neuroanatomy (3 credits)
Introduction to the anatomy and physiology of the developing and mature human nervous system.

CSAD 3050 Hearing and Speech Science (3 credits)
Physical bases and process of the production and perception of hearing, language, and speech.

CSAD 3060 Directed Observation (1 credits)
Twenty-five hours of observation, evaluation, and management of clients, and class discussion of observation, evaluation and management of clients.

CSAD 4010 Evaluation of Speech and Language Disorders (3 credits)
Principles of screening and evaluation of clients typically seen in clinic and school settings, including administration of specific evaluation instruments.

CSAD 4020 Evaluation Practicum (1 credits)
Participation in speech-language screenings, and observation and participation in full diagnostic evaluations with clients. A minimum number of contact hours required.

CSAD 4030 Treatment of Speech and Language Disorders (3 credits)
Overview of treatment strategies used in management of communication disorders.

CSAD 4040 Treatment Practicum (1 credits)
Participation in clinical management of clients having communication disorders. A minimum number of contact hours required.

CSAD 4050 Audiology (3 credits)
Instruction in test administration and in interpretation of standard and specialized tests of auditory function. Prerequisites: CSAD 3020, CSAD 3040, and CSAD 3050.

CSIS—Computer & Info Systems

CSIS 1400 Discrete Mathematics (3 credits)
An introduction to the concepts and techniques of discrete mathematical structures that are used in the theory and application of computer science and computer information systems. Topics covered include logic, set theory, relations, functions, recurrence relations, matrices, algebraic structures, graph theory, trees, and Boolean algebra. Prerequisite: MATH 1200

CSIS 1600 Logic Design (3 credits)
This course will give the student an introduction to the basic fundamentals and elements of logic design. The course covers number theory, fundamentals of Boolean algebra state diagrams, combinational and sequential circuits, and design techniques with logic array components. Prerequisite: CSIS 1400

CSIS 1800 Introduction to Computer and Information Sciences (3 credits)
An introductory course to study computer systems layer by layer. The material covers Information Layer, Hardware Layer, Programming Layer, Operating Systems Layer, Application Layer, and Communication Layer. Each layer is covered in great detail and the concepts are supplemented by real examples. Prerequisite: TECH 1110

CSIS 1900 Computer Programming I (4 credits)
This course provides an introduction to the principles of computer science by program development in the context of C/C++ environments. Major topics to be covered in this class are: tokens, syntax, semantics, function definitions, function applications, conditional selection statements, iteration statements, arrays, files, classes, methods, and pointers, all through program development. Prerequisite: MATH 1040

CSIS 1999 Prior Learning Credit in Computer Science (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in computer science. This course is repeatable up to 12 credits. Prerequisite: approval of director.

CSIS 2000 Introduction to Database Systems (3 credits)
This course will give students an introduction to structured query language (SQL), object definition language (ODL) and object query language (OQL). The course surveys relational, object-oriented, distributed, and multimedia database systems. This course also covers concepts and structures necessary to design and implement a database system, including logical and physical file organization and data organization techniques. Students will build, populate, query, and write transactions for a relational database. Prerequisite: CSIS 1800

CSIS 2200 Business Oriented Language (COBOL) (4 credits)
A study of the COBOL programming language with emphasis on business applications. Students apply a structured, multiphase development process that features a series of steps involving understanding of problems, formal problem definition, design methodologies, program specification, breakdown, and files using COBOL. Prerequisites: CSIS 1400 and CSIS 1900.

CSIS 2310 Advanced COBOL (3 credits)
A study of advanced COBOL programming using structured techniques. Topics to be covered include table handling, sequential and indexed file processing, database access, editing, sorting, and the Report Writer. Prerequisite: CSIS 2200.

CSIS 2410 Assemblers and Assembly Language Programming (4 credits)
A detailed analysis of the operations of assemblers. Assembler features, assembly language programming, and

marc facilities. Assembly language programs will be written as part of this course. Prerequisites: CSIS 1400 and CSIS 1900

CSIS 2950 Computer Programming II (4 credits)
Computer Programming II continues to focus on the main topics of computer science including the design and implementation of algorithms and data structures. Intermediate and advanced concepts of computer programming using the JAVA programming language are covered. Prerequisite: CSIS 1900

CSIS 3010 Organization of the Computer Environment (3 credits)
Management of the computer environment, personnel, customer interface, budgeting, coordination, policy development, staffing, department interface, hardware and software selection planning, maintenance, and management. Prerequisite: CSIS 1900.

CSIS 3020 Web Programming and Design (3 credits)
This course will introduce the essentials of Internet programming. Students will design and write WWW pages in HTML, JavaScript, and shell scripting languages. Programs will manipulate many forms of data, including hypertext, graphics, audio, and video. Students will develop interactive/executable Web pages. Other topics covered will include clickable image maps, cgi-bin scripting, and security. Prerequisite: CSIS 1900

CSIS 3023 Legal and Ethical Aspects of Computers (3 credits)
This course focuses on issues that involve computer impact and related societal concerns. Topics covered include computer ethics, computer crime, software ownership, privacy risk management, professional codes, transborder data flow, Telecommunications Act of 1996, the national computer policies of other nations, and the status of regulation and emerging standards.

CSIS 3060 Digital Design (3 credits)
Register transfer-level design of digital computers, data transfer hardware, organization of the central processing unit, design of the controller, and a complete design example. Prerequisite: CSIS 2410.

CSIS 3110 Foundations of Computer Science (4 credits)
Included are the mechanization of abstraction in computer science, prepositional logic and predicate logic, induction versus recursion, countable and non-countable sets, finite state automata and regular expressions, pushdown automata and context-free languages, Turing machines, decidability and computability, and computational complexity. Prerequisites: CSIS 2950 and CSIS 1400

CSIS 3200 Organization of Programming Language (3 credits)
Development of an understanding of the organization of programming languages, introduction to formal study of programming language specification and analysis, comparison of two or more high-level modern programming languages. Prerequisite: CSIS 2950.

CSIS 3400 Data Structures (4 credits)
A course in fundamental data structures and their application. Advanced data structure concepts are developed including linked data representation, pointers, binary trees, B trees, AVL trees, queues, stacks, hashing, searching, directed and undirected graphs, and priority queues. Recursive algorithms are investigated. Quantitative analysis of algorithms is employed. Advanced sorts are studied and analyzed for order of magnitude. Abstract data types are introduced. Prerequisites: CSIS 2950 and CSIS 1400

CSIS 3500 Networks and Data Communication (3 credits)
An introduction to basic computer-driven data communications. The protocols, services, interfaces, and platforms for the transmission of data on networks are investigated. The integration of homogeneous and heterogeneous networks is developed: bridges, routers, and gateways. The OSI architecture is defined. The topology of network architecture is covered and the details of connection and connection-less service, dedicated and switched circuits, access, error detection, and correction are explained. Prerequisites: CSIS 1800 and MATH 1040

CSIS 3530 Artificial Intelligence (3 credits)
Introduction to the basic concepts and techniques of AI and expert systems. Topics include logic, problem solving, knowledge and representation methods, reasoning techniques, search strategies, and heuristic methods applied in AI and expert systems. Techniques for natural language processing, modeling, and pattern matching are developed. Symbolic languages like Scheme and Prolog are used. Prerequisite: CSIS 3400

CSIS 3600 Computational Algorithms in Bioinformatics (3 credits)
Students will be introduced to the basic concepts of bioinformatics, a study of sequence and genome analysis. Students will learn computational methods for analyzing DNA, RNA, and protein data, with explanations of the underlying algorithms, the advantages and limitations of each method, and strategies for their application to biological problems. Prerequisites: CSIS 1900 and MATH 3020

CSIS 3610 Numerical Analysis (3 credits)
An implementation course using C/C++ that devises methods for approximating solutions to mathematically expressed problems derived from physical phenomena. Topics include linear and nonlinear systems of equations and producing solutions within specified tolerance for a sequence of algebraic and logical operations. Prerequisites: CSIS 3400 and MATH 2200.

CSIS 3750 Software Engineering (4 credits)
An introduction to the process of developing software systems. Topics include software life-cycle models, quality factors, requirements analysis and specification, software design (functional design and object-oriented design),

implementation, testing, and management of large software projects. Prerequisite: CSIS 2950

CSIS 3810 Operating Systems Concepts (3 credits)
Operating Systems Concepts: History of operating systems, operating system concepts including fundamental topics such as computer organization, operating system structure, resource allocation and scheduling, processes and threads, synchronization principles, system calls, input/output, memory management, file systems, protection mechanism, and security are discussed. Prerequisites: CSIS 3400.

CSIS 3999 Prior Learning Credit in Computer Science (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in computer science. This course is repeatable up to 12 credits. Prerequisite: approval of director.

CSIS 4010 Computer Security (3 credits)
Issues of security, privacy, and control from the viewpoint of the computer user. Emphasis on procedures for protecting systems from unauthorized use, theft, vandalism, and natural disasters. Ethical issues in computer usage are covered. Prerequisite: CSIS 3810.

CSIS 4030 Information Security Technologies (3 credits)
This course presents a comprehensive overview of the issues surrounding information assurance and computer security. Risk assessment, designing and implementing security policies and maintaining a secure technological organization are the primary foci. A solid grounding in the most important encryption standards, including private, symmetric encryption technology, will be discussed. It will be seen why AES (Advanced Encryption Standard) is important and will review the issues leading to its development. Prerequisite: CSIS 4010.

CSIS 4050 Computer Architecture (3 credits)
A structured approach to the architecture of computers is covered as the interrelation of software and hardware design: logic level, machine level, operating system level, and assembly language level. CISC/RISC and parallel architectures are introduced. Prerequisites: CSIS 2410 and CSIS 3810.

CSIS 4310 Distributed Data Processing (4 credits)
Concepts and mechanisms in the design of distributed systems; process synchronization, reliability, distributed resource management, deadlock, and performance evaluation. Case studies of selected distributed systems are covered. Prerequisites: CSIS 2000, CSIS 2950, and CSIS 3500

CSIS 4350 Robotics (3 credits)
Principles and concepts of modern robots and automated systems are developed: robot's intelligence, drive methods, motion control, and software and hardware support. Prerequisite: CSIS 3530

CSIS 4500 Network Security (3 credits)
This course provides an overview of technical and theoretical aspects of network security with emphasis on the Internet. It discusses topics such as design of secure networks, concerns at all architectural levels, modern security protocols and their applications, public key infrastructure (PKI) infrastructure and digital certificates. The course teaches students how to secure open source web servers, secure shell (SSH) servers, virtual private networks (VPN), and to setup subnets with firewalls. It prepares student for providing protection against internal and external attacks in an enterprise. Prerequisite: CSIS 3500.

CSIS 4530 Database Management (3 credits)
Concepts and structures necessary to design and implement a database system, including logical and physical file organization and data organization techniques, data models, networks, data integrity, and file security. Topics covered include logical and user's viewpoint, theoretical foundations, and physical system implementation. Prerequisite: CSIS 2000

CSIS 4600 Systems Programming (4 credits)
A study of various system-programming techniques, hardware-software interface, and software-controlled hardware. A comparison of several existing computer systems will be made. Prerequisites: CSIS 2410 and CSIS 3810

CSIS 4610 Design and Analysis Algorithms (3 credits)
Topics include algorithmic paradigms such as divide-and-conquer, greedy methods, and concepts relating to analysis such as asymptotic notation and NP-completeness. Sorting and searching algorithms are designed and analyzed, as are algorithms for manipulating trees, graphs, and sets. Prerequisites: CSIS 3400 and MATH 2200.

CSIS 4650 Computer Graphics (3 credits)
An introduction to the principles of interactive computer graphics. Topics include fundamentals of raster graphics (scale-conversion, clipping, fill methods, and anti-aliasing), 2D and 3D transformations, projections, 3D modeling, hidden surface removal methods, ray tracing, and graphical user interfaces. The hardware of graphic environments is defined and new development platforms for graphics in windows are investigated. Prerequisite: CSIS 3400.

CSIS 4710 Embedded Computing (3 credits)
This course deals with applications in the design of microcomputer/microprocessor-based embedded systems. Students will develop the ability to define the problem first, then build and test the system. Prerequisite: CSIS 4050

CSIS 4800 Introduction to Compilers and Interpreters (3 credits)
An introduction to compiler/interpreter design. Topics include lexical analysis, parsing, intermediate code, final code generation, optimization, and error recovery. Prerequisites: CSIS 3110 and CSIS 3400.

CSIS 4840 Unix Operating System Environment (3 credits)
The concepts of the UNIX operating system are presented. Topics include system commands, system editors, awk, set, text formatting tools, and shell programming. The use of modem and terminal software and system maintenance utilities are covered as well as system calls in C, LEX, YACC, AR, and make. Prerequisite: CSIS 2950.

CSIS 4880 Special Topics in Computer Science (3 credits)
Topics in computer science that are not included in regular course offerings. Specific contents are announced in the course schedule for a given term. Prerequisites: requires senior standing and consent of instructor.

CSIS 4880A Special Topics in Computer Science-Abstract Algebra and Its Applications (3 credits)
This course is an introduction to the concepts of modern abstract algebra. Topics will include divisibility, congruence classes, symmetric groups, permutation groups, groups of matrices, applications of group theory, and an introduction to rings and fields. Prerequisites: MATH 3300 and CSIS 1400.

CSIS 4890 Special Topics in Computer Information Systems (3 credits)
Topics in computer information systems that are not included in regular course offerings. Specific contents are announced in the course schedule for a given term. Prerequisite: requires senior standing or consent of instructor.

CSIS 4900 Directed Project (3-8 credits)
A major project will be completed by the student under the direction of a faculty member.

CSIS 4901 APS Capstone Directed Independent Study (3 credits)
This course is reserved for students who are enrolled in the Applied Professional Studies Program. Through a series of written assignments, this course provides students with an opportunity to integrate previous learning and experience with a concentration in computing field to form a unique course of academic study. Given that the APS major is individualized to a large extent based on a student's interests and past experiences, this course ordinarily will be conducted as an independent study and will be taken during the student's last semester prior to receipt of their degree. Prerequisite: to be determined by supervising faculty and the division director.

CSIS 4950 Internship in Computer Science and Information Systems (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

DANC—Dance

DANC 1200 Ballet I (2 credits)
A beginning performance-based course designed to develop an understanding of ballet as a technique and an art form. This class will also focus on basic anatomy and movement principles related to ballet. Students will be introduced to a ballet vocabulary and will build a strong technical foundation as preparation for more advanced ballet work.

DANC 1400 Jazz Dance I (2 credits)
A beginning performance-based course designed to develop an understanding of jazz dance as a technique and an art form. This class will also focus on basic anatomy and movement principles related to jazz dance. Students will be introduced to a jazz dance vocabulary and will build a strong technical foundation as preparation for more advanced jazz dance work.

DANC 1500 Contemporary Dance Techniques (3 credits)
A performance-oriented course designed to introduce students to contemporary techniques in modern, jazz, hip-hop, and folk styles.

DANC 1600 Modern Dance I (2 credits)
A beginning performance-based course designed to develop an understanding of modern dance as a technique and an art form. This class will also focus on basic anatomy and movement principles related to modern dance. Students will be introduced to a modern dance vocabulary and will build a strong technical foundation as preparation for more advanced modern dance work.

DANC 1999 Prior Learning in Dance (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in dance. This course is repeatable up to 12 credits.

DANC 2100 Dance Lab (1 credits)
Participation in one or more of NSU's dance productions. Course may be repeated up to four credit hours. Pass/fail only. Prerequisite: Written consent of the division director.

DANC 2200 Ballet II (2 credits)
An intermediate performance-based course designed to expand upon Ballet I and the understanding of ballet as a technique and an art form. Prerequisite: DANC 1200.

DANC 2400 Jazz Dance II (2 credits)
An intermediate performance-based course designed to expand upon Jazz Dance I and the understanding of jazz dance as a technique and an art form. Prerequisite: DANC 1400.

DANC 2600 Modern Dance II (2 credits)
An intermediate performance-based course designed to expand upon Modern Dance I and the understanding of modern dance as a technique and an art form. Prerequisite: DANC 1600.

DANC 3000 African Dance (2 credits)
An intermediate performance-based course aimed at

developing the understanding of African dance as a technique and an art form. Prerequisite: DANC 1200 or DANC 1400 or DANC 1600.

DANC 3200 Dance History (3 credits)
A theory-based course designed to introduce students to the development of Western concert dance with particular focus on ballet and modern. The course examines the historical origins and social context of ballet and modern dance, by highlighting significant choreographers, performers, artistic periods and aesthetics for each genre from the 15th century to the present. Prerequisite: COMP 2000, COMP 2010 or COMP 2020.

DANC 3300 Latin and Caribbean Dance (2 credits)
A performance-based course aimed at developing the understanding of Latin and/or Caribbean dance as a technique and an art form. Prerequisite: DANC 1200 or DANC 1400 or DANC 1600.

DANC 3500 Global Dance Perspectives (3 credits)
A theory-based course designed to introduce students to various dance forms from around the world. This course will focus on social, ritual, folk and concert dance forms and will examine the social context, cultural/aesthetic values and significant historical events that helped shape them. In addition, the course will explore the power of dance to build community, promote change, and preserve tradition. Prerequisite: One DANC course and COMP 2000, COMP 2010 or COMP 2020.

DANC 3600 Modern Dance III (2 credits)
An advanced performance-based course designed to further develop an understanding of modern dance as a technique and an art form. Prerequisite: DANC 2600.

DANC 3999 Prior Learning in Dance (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in dance. This course is repeatable up to 12 credits.

DANC 4000 Dance Composition (3 credits)
A performance-based course that provides a variety of methods and resources for generating movement ideas. Students will work on basic dance compositional elements such as time, space and energy and will discover new ways to communicate ideas through movement. Prerequisites: DANC 2200, DANC 2400 and DANC 2600.

DANC 4300 Dance Choreography (3 credits)
A performance-based course designed to develop choreographic ability. In this course, students create and direct an original dance that is performed at the end of the semester. Students participate in regular workshops where they exchange feedback on their choreographed dances. Prerequisite: DANC 4000.

DANC 4500 Dance Improvisation (3 credits)
A performance-based course that provides a variety of methods and resources for generating improvised movement material. Class will culminate in the creation of an improvised score for performance. Prerequisites: DANC 2200, DANC 2400 and DANC 2600.

DANC 4900 Special Topics in Dance: (3 credits)
An advanced course in a particular dance genre or related area of interest. Specific focus to be announced. May be repeated for credit if content changes and with written consent of the division director. Prerequisites: One DANC course and COMP 2000, COMP 2010 or COMP 2020.

DANC 4950 Internship in Dance (3 credits)
Focused dance or dance related study with a professional dance company, nationally recognized dance festival, choreographer or dance-presenting organization. Prerequisites: Cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and written consent from the division director.

DANC 4990 Independent Study in Dance (3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One DANC course and COMP 2000, COMP 2010 or COMP 2020.

ECA—Early Childhood

ECA 0101 Intro Early Child Education (3 credits)
In this course students learn about the development needs of children from birth to age five. Students learn to ensure safety and health of children in early childhood programs, and to establish developmentally appropriate learning environments for young children. Students examine avenues of ongoing professional development for teachers and caregivers of young children. This course covers the CDA-Child Development Associate Functional Areas of Professionalism, Safety, Health, and Learning Environment.

ECA 0112 Intro EC Ed Lang Soc Emot Dev (3 credits)
In this course students learn about the developmental needs of children from birth to age five. Students learn to support children's physical development, encourage cognitive learning and the development of communication skills and enhance creative expression. This course covers the Child Development Associate-CDA Functional Areas of Physical, Cognitive, Communication, and Creativity.

ECA 0114 Intro Ec Ed Fam Schs & Comm (3 credits)
In this course students learn about the developmental needs of children from birth to age five. Students learn to support the social and emotional development of young children and to provide positive guidance. Students explore ways to work effectively with families, and develop program management skills related to observing children and delivering appropriate curriculum. This course covers the Child Development Associate-CDA Functional Areas of Self, Social, Guidance, Families, and Program Management.

ECA 0203 Foundations of Early Care & Ed (3 credits)
This course introduces the students to the historical,

philosophical, and sociological foundations of programs for young children. Professional and ethical behavior in early childhood education will be discussed. Students will be engaged in the analysis of different program models and instructional strategies. Appropriate field experiences are integrated and required.

ECA 0205 Child w/ Spec Need (Birth - 8) (3 credits)
This course will guide students in determining a child's developmental readiness, learning styles and social-emotional needs. Students will learn ways of adopting the classroom to meet the needs of children who have special requirements. The history of exceptional education will be explored in conjunction with the educational and social issues relative to the field. Appropriate field experiences are integrated and required.

ECA 0215 Creative Act for Young Child (3 credits)
Students will explore creative activities in several curriculum areas and adapt plans to meet the needs of all children. The classroom environment will be discussed as a means of children's learning. Appropriate field experience are integrated and required.

ECA 0218 Child Observ Record Keep & Ass (3 credits)
In this course students will have the opportunity to observe children in structured and unstructured situations, record their observations, and use their records as a way of assessing strengths and needs of individual children. Guidelines will provide for properly conducting observations, keeping records and using assessment data for curriculum planning. Appropriate field experiences are integrated and required.

ECA 0227 Dev Curr: Lang, Lit, & Soc Stu (3 credits)
This course will focus on the elements of developmentally appropriate curriculum for children. Students explore ways in which children, beginning in infancy, acquire language, develop the basis of literacy, and come to understand their social world. Students learn ways of creating appropriate activities that foster concept and increase and promote social and scientific awareness. Appropriate field experiences are integrated and required.

ECA 0228 Develop Curr: Math & Science (3 credits)
This course focuses on the ways in which children construct knowledge through play and exploration. Students learn ways of helping children develop early math concepts. Engage in scientific explorations, and engage in creative problem solving. Appropriate field experiences are integrated and required.

ECA 0241 Child Guidance (3 credits)
Students will develop appropriate ways to guide children's behavior through effective organization of the environment (emphasizing schedule, activities, and materials) and guidance techniques that minimize conflict and encourage children to play and learn cooperatively. Appropriate field experiences are integrated and required.

ECA 0242 Foundations of Literacy (3 credits)
This course provides students with the opportunity to explore the emergent literacy process during the early childhood years. Exploration of classroom teaching practices that encourage expressive and receptive language will engage students in a variety of field activities.

ECA 0252 Managing Literacy Environments (3 credits)
In this course students will examine appropriate ways to create and organize the classroom for effective language and literacy development. Use of classroom centers, selection of materials, and resources for planning and teaching literacy experiences are discussed. Field experiences are integrated.

ECA 0267 Multilingual Communities (3 credits)
Through this course students will have opportunities to discuss how to support children's native languages as they transition into the acquisition of a second language. Students explore the role of culture, home and classroom context in the acquisition and development of language. Appropriate ESOL activities, resources, and teacher's role in literacy development are explored. Home, school and community connections to language development are discussed.

ECA 0270 Admin Child Care & Ed Prog (3 credits)
In this course students develop skills required in the operation and management of an early care and education program. Students learn about organizational management, financial, legal and ethical issues, establishing operational systems, and programming for children and families. (This course meets the training requirements for the Florida Child Care and Education Program Director Credential.)

ECA 0285 Profess Behavior Early Child (3 credits)
This course examines competencies and demonstration of skills necessary for professional performance in early childhood education. Students examine standards for professional behavior and teaching of young children as defined by professional associations (National Association for the Education of Young Children, Division of Early Childhood Education, OMEP-World Early Childhood Organization). Students are engaged in self-reflection of individual skills and knowledge leading to the development of a professional portfolio.

ECA 1999 Prior Learning in Early Childhood (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning in early childhood. This course is repeatable up to 12 credits.

ECA 2215 Creatividad en nivel infantil (3 credits)
En este curso se explora el uso de actividades que fomentan la creatividad a traves de las areas curriculares como una manera de apoyar las necesidades de los niños. Tambien se discute el uso del ambiente del aula como una forma de extender y apoyar el aprendizaje.

ECA 2218 Principios de evaluacion (3 credits)
En este curso los estudiantes exploran los principios esenciales para la evaluacion del progreso y desarrollo en

el aula infantil. Se explora el uso de la observacion, instrumentos de evaluacion, y formas de recopilar y mantener datos en el aula. Incluye experiencias practicas. [In this course student explore the esential principles for the assessment of progress and development in the early childhood classroom. Students examine use of observation, assessment tools and ways to keep and maintain information. Field experiences are integrated]

ECA 2241 Desarrollo social preescolar (3 credits)
En este curso los estudiantes exploran como apoyar el desarrollo social y de conducta en el nivel preescolar e infantil a través de la organización efectiva del ambiente del aula (con atención al desarrollo del programa diario, actividades y materiales). También se discuten las técnicas que permiten guiar la conducta para minimizar conflictos y estimular el juego y aprendizaje de forma cooperativo. El curso incluye experiencias de campo.

ECDP—Early Child Development

ECDP 3321 Child Development Birth-Age 3 (3 credits)
In this course, students examine the process of development during the prenatal, infancy and toddler years. Findings from current developmental research are discussed. Field experience are integrated.

ECDP 3334 Child Development Ages 4-8 (3 credits)
This course explores the development of children ages four through eight across the physical, socio-emotional, cognitive, and language domains. Field experiences are integrated into the course. Prerequisite: ECDP 3321.

ECDP 3338 Diversity Issues In Child Dev (3 credits)
Students explore the role of culture and diversity in the process of child development. Attention is placed on the study of the cognitive, social and emotional domains. Field experiences are integrated.

ECDP 3340 Psychosocial Development (3 credits)
Students examine developmental theories related to the psychosocial development of children during the preschool years (birth - age five). Field experiences are integrated into the course. Prerequistes: ECDP 3321 or ECDP 3334.

ECDP 3345 Parent-Child Relationships (3 credits)
This course presents an analysis of current parenting principles and strategies that foster positive relationships between children and their parents.

ECDP 3349 Fatherhood:Cross-Cultural Pers (3 credits)
In this course, students analyze the role of fathers in the process of child development. Students engage in the discussion of fatherhood roles across selected cultural groups. Field experiences are integrated into this course. Prerequisite: ECDP 3345.

ECDP 3500 Field-based Exper Child Dev I (0 credits)
Students participate in field-based activities in a variety of settings where services and programs for young children and their families are offered. Students maintain a journal of experiences. The first section of the journal is discussed and reviewed during this course.

ECDP 4100 Field-based Exper Child Dev II (0 credits)
Students participate in field-based activities in a variety of settings where services and programs for young children and their families are offered. Students maintain a journal of experiences. The second section of the journal is discussed and reviewed during this course.

ECDP 4367 Play & Children Curricular App (3 credits)
This course examines the role of play as a developmentally appropriate teaching and curricular strategy for children ages birth to eight. Students explore ways to use and apply play as a curricular strategy. Field experiences are integrated.

ECDP 4423 Issues In Child Abuse&Neglect (3 credits)
This course discusses the nature, causes and effects of child abuse and neglect. Reporting responsibilities, child protection legislation and services are analyzed. Field experiences are integrated. Prerequisite: ECDP 3321 and ECDP 3334.

ECDP 4500 Field-based Exper Child DevIII (0 credits)
Students participate in field-based activities in a variety of settings where services and programs for young children and their families are offered. Students maintain a journal of experiences. The third and final section of the journal is discussed and reviewed during this course.

ECDP 4990 Advanced Senior Year Seminar (3 credits)
This is a senior year capstone course where students analyze advocacy and policy issues in the field of child development (birth to age eight). Students examine and identify issues related to children and their families and propose actions. Prerequisites: ECDP 3321, ECDP 3334, ECDP 3338, ECDP 3340, ECDP 3500. ECDP 3345, ECDP 3349, EDEC 4320, EDCP 4423, ECDP 4100.

ECN—Economics

ECN 1999 Prior Learning Credits Econom (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Economics. This course is repeatable up to 12 credits.

ECN 2020 Prin of Microeconomics (3 credits)
Microeconomics focuses on how market systems function as opposed to alternative economic systems. This course will investigate the factors which influence consumer choice and how consumers react to changes in the factors, the costs of production for the firm and production decisions for firms operating in various types of market structures, the impact of market structure on society, regulation and de-regulation of business, environmental issues and labor markets. Prerequisite: MATH 1030 or MATH 1040.

ECN 2020H Prin of Microeconomics Honors (3 credits)
Microeconomics focuses on how market systems function as opposed to alternative economic systems. This course

will investigate the factors which influence consumer choice and how consumers react to changes in the factors, the costs of production for the firm and production decisions for firms operating in various types of market structures, the impact of market structure on society, regulation and de-regulation of business, environmental issues and labor markets. This course is open to HONOR students only. Prerequisite: MATH 1030 or Higher.

ECN 2025 Principles of Macroeconomics (3 credits)
This course is designed to acquaint the student with the tools and methodology utilized by economists to analyze how the macro economy functions in both the short and long terms. The course will begin with a study of how market systems and nonmarket systems address the problem of scarcity and unlimited wants. Theories of consumption, investment, the public sector and foreign trade will be developed to illustrate their role in determining the levels of output, employment and prices in both a closed and open economy. The role of Fiscal and Monetary Policies and their short and long run impacts as well as supply side economic theories will be followed by the study of investment in Human and Physical Capital and how these investments influence economic growth and development. The course will conclude with the study of international trade and finance and their impact on the domestic economy. Prerequisite: ECN 2020.

ECN 2025H Prin of Macroeconomics Honors (3 credits)
This course is designed to acquaint the student with the tools and methodology utilized by economists to analyze how the macro economy functions in both the short and long terms. The course will begin with a study of how market systems and nonmarket systems address the problem of scarcity and unlimited wants. Theories of consumption, investment, the public sector and foreign trade will be developed to illustrate their role in determining the levels of output, employment and prices in both a closed and open economy. The role of Fiscal and Monetary Policies and their short and long run impacts as well as supply side economic theories will be followed by the study of investment in Human and Physical Capital and how these investments influence economic growth and development. The course will conclude with the study of international trade and finance and their impact on the domestic economy. This course is open to HONOR students only. Prerequisite: ECN 2020.

ECN 3020 Intermediate Microeconomics (3 credits)
Intermediate Microeconomics explores the topics and issues raised in Principles of Microeconomics with considerably more detail. This course begins by investigating the factors which influence consumer choice and how consumers react to changes in these factors, the factors which influence market supply and how producers react to changes in these factors, market equilibrium, governmental intervention and how it impacts market equilibrium and how shocks to market equilibrium impact price and output levels. An investigation of production in the short run with fixed and variable inputs and the long run with variable inputs only, the factors which influence productivity and the determinants of short and long run costs follows. The course proceeds to develop models of industry structure and their applications and continues with a discussion of factor markets, interest rates and capital markets. The course concludes with an analysis of uncertainty, externalities, asymmetric information and contracts and moral hazard. Prerequisite: MATH 1030 or higher.

ECN 3025 Intermediate Macroeconomics (3 credits)
This course expands upon the tools of economic analysis covered in Principles of Macroeconomics. An overview of current macroeconomics events is followed by an in-depth study of the methodologies used to predict economic activity. Prerequisites: ECN 2025.

ECN 3210 Monetary Theory & Policy (3 credits)
Examines the structure and function of the American banking system, the Federal Reserve System, and the function of monetary policy in the regulation of the national economy. Prerequisite: ECN 2025.

ECN 3999 Prior Learning Credits Econom (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Economics. This course is repeatable up to 12 credits.

ECN 4210 Econometrics (3 credits)
ECN 4210 - Econometrics - (3 Credits): The purpose of this course is to introduce students to the theory and application of econometric methods to test economic relationships. It will familiarize students with the various sources of economic data and with the difficulties encountered in empirical testing of economic models. It covers the basic tools of estimation and inference in the context of the single-equation linear regression model, and deals primarily with least squares methods of estimation. The course emphasizes the intuitive understanding and practical application of these basic tools of regression analysis, as distinct from their formal development. Prerequisites: ECN 3010 and MATH 3020.

ECN 4300 International Economics (3 credits)
Reviews theories and practices of trade, comparative advantage, trade barriers, balance of payments, economic development, and regional economic integration. Prerequisites: ECN 2025 and MATH 1030.

ECN 4320 Latin American/Caribbean Econ (3 credits)
This course examines the dynamics of economic development in Latin America and the Caribbean. Topics include primary product export dependence, industrialization, macroeconomic stabilization and trade liberalization. The focus then shifts to the economic integration of the Western Hemisphere. The course will finish with a survey of the economic relations between Latin America and other emerging markets. Prerequisite: ECN 2025 or ECON 2025.

ECN 4500 Principles of Health Economics (3 credits)
This course is designed to acquaint the student with applying the economic tools and methodology utilized by economists to analyze how a specific industry, health care, functions in both the short and long terms. Theories of consumption, investment, the public sector and

comparative systems will be developed to illustrate their role in determining the critical contributions and dependency of the national economy on levels of output, employment and prices of the health care sector. This elective course will study the economics of health care and the impact on national and international policy issues. Students will be required to write a 30 page paper on the economics of one sector of the health economy. The paper will be prepared over the term and students will be prepared to lead presentations and panel discussions. Prerequisites: ECN 2025 OR ECON 2025

ECN 4910 Advanced Special Topics (3 credits)
Examines advanced topics in economics that are not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content.

ECN 4920 Advanced Special Topics (3 credits)
Examines advanced topics in economics that are not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content.

EDEC—Education

EDEC 1999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of lower-level undergraduate prior learning credit. This course is repeatable.

EDEC 3320 Sociological Foundations of Early Childhood Education (3 credits)
Students in this course will study sociological influences and issues-past, present, and future-that will enable early childhood professionals to assist young children and their families to meet the challenges of a pluralistic society in transition. This knowledge will assist students in the analysis of societal issues for making appropriate choices, adaptations, and modifications in their programs in order to provide developmentally appropriate programs and practices. This class is specifically designed to meet the sociological foundations requirement for students seeking certification in Prekindergarten/Primary Education, birth to age four or age three to grade three. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

EDEC 3350 Meeting the Special Needs of All Children (3 credits)
This course combines classes with on site visits to exemplary community programs that concentrate on meeting the special needs of children from birth to eight years old. Student will visit five sites for structured observations of model programs and then they will participate in four-hour classes focusing on the curricular and administrative aspects of the site visited. Readings and information provided will be analyzed, and the students will consider the successes, challenges, and barriers of each model. They will explore how collaboration of services can work toward the goal of meeting the special needs of all children and their families. In addition, to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

EDEC 3520 Families in Early Childhood Programs: Challenges and Opportunities (3 credits)
This course examines from the perspective of family systems and their role in the development of young children. Students explore the challenges faced by today's families and identify collaboration and involvement practices to meet their needs. In addition to class attendance, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: EDEC 3320, EECP 3330, EDEC 3350, PSYC 2370 and SOCL 1130.

EDEC 3530 Diagnosis, Assessment, and Evaluation of Young Children (3 credits)
Students in this course will be introduced to a philosophic overview of the assessment process, including transdisciplinary assessment teams and provisions for appropriate information gathering techniques - formal and informal-which include the construction, selection, interpretation, and evaluation of diagnostic instruments. The role of technology in testing, record maintenance, and composition of IEP/IFPS will be discussed/modeled. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I & Block II courses.

EDEC 3599 Special Topics in School Age Child Care (3 credits)
This course provides education and technical assistance to managers and staff members of child care programs to enable them to understand the national accreditation standards for school-age child care and to make steps towards implementing the standards in their programs.

EDEC 3999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of upper-level undergraduate prior learning credit. This course is repeatable.

EDEC 4320 Cultural Diversity and Family-Community Development (3 credits)
Students in this course will learn how to work with families and practice how to use materials in the home and community environment to foster development and the acquisition of skills. Students will examine information that can create a vital link among school, community, and home in our multiethnic society. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I & Block II courses.

EDUC—Education

EDUC 1000 General Knowledge Preparation Mathematics (0 credits)
This course is designed to review the mathematics skills necessary to be successful on the General Knowledge Test (GKT). These skills are included in the four broad areas; Arithmetic; Geometry; and Measurement; Algebra; and

Statistics and Probability. Logical Reasoning, test-taking strategies and problem-solving techniques will also be addressed in this course. The prerequisites for this course are completion for all required mathematics courses and a GKT score of 200 or more. This course responds to the need to provide those seeking a teaching certificate in elementary education with the content knowledge of the mathematics curriculum. It is intended primarily for use by certification candidates, who may be students in university teacher preparation programs, teachers with provisional certification, or person making a career change to public school. In Florida, it is mandatory for students in the field of education to pass the GKT.

EDUC 1010 Writ Skills for GKT (0 credits)
Students will learn and practice writing and English usage strategies to prepare for the General Knowledge Test.

EDUC 1025 CLAST Preparation Mathematics (3 credits)
This course is designed to review the mathematics skills necessary to be successful on the College Level Academic Skills Test (CLAST). These skills are included in the following five broad areas: arithmetic: geometry and measurement; algebra; statistics and probability; and logical reasoning. Test-taking strategies and problem-solving techniques will also be addressed in this course. Cannot be used toward graduation requirements. Prerequisite: all required MATH courses and a CLAST score between 260-290 inclusively.

EDUC 1100 Exploration of the Education Profession (3 credits)
This course is designed to provide students with an orientation to the education profession, including the examination of the institution of schooling in its social, legal, historical and philosophical contexts through class sessions and clinical experiences. Students assess their personal qualities in relation to becoming an educator, engage in self reflection and analysis of their perceptions of education, and develop a general understanding of the realities of American education. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

EDUC 1999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of lower-level undergraduate prior learning credit. This course is repeatable.

EDUC 2260 Administration of Child Care and Education Program (3 credits)
This course provides participants with an overview of the skills required in the operation and management of an early care and education programs. Students learn about organizational management, financial and legal issues, and programming for children and families. The course meets the content requirements of the Overview of Child Care Management as defined by the Florida Department of Children and Families for the Florida Child Care and Education Program Administrator Credential. In addition to class meetings, a minimum of 10 hours of practical application experiences is to be completed at the participant's worksite. This course is offered by the Mailman Segal Institute for Early Childhood Studies.

EDUC 2270 Child Care: Org Leader and Man (3 credits)
This 3-credit course presents an examination of the skills and knowledge required to manage and direct an early care and education program with a focus on the major responsibilities of the director/manager to ensure an ethically responsive organization. Examining the leadership role, students will be able to articulate the importance of a clear, well-communicated vision, policies and procedures that reflect that vision, and employment practices that create a positive work climate. This course meets the requirements for the Advanced Level Florida Director's Credential in the area of Child Care and Education Organizational Leadership and Management as defined by the Florida Department of Children and Families. The course credits may also be accepted in the other states as meeting child care director training requirements. Offered by the Mailman Segal Institute for Early Childhood Studies. This is designed as an online course.

EDUC 2500 Education Pre-enrollment Seminar (0 credits)
This seminar provides an orientation to technology and program skills necessary for successful participation in the undergraduate programs. Students will be introduced to university systems designed to provide support and services to the undergraduate student during the formal program of study. An overview of all facets of the undergraduate programs will be provided, including how to locate course schedules online, how to contact academic advising, and how to access resources. Students will learn interactive technology skills, such as using e-mail and sending attachments, navigating the Internet, accessing the electronic library, using APA format, locating and using the undergraduate website and using WebCT for online classes.

EDUC 3000 Clinical Experiences (0 credits)
Clinical experience required. This may require fingerprinting and security clearance depending on county requirements. This placement will be the setting for all clinical experience required with courses taken throughout this 16-week period. Please refer to the Clinical Experience Handbook at www.undergrad.nova.edu/EDU/clinical.cfm for a full explanation.

EDUC 3001 Benchmark I (0 credits)
To register for Benchmark I courses, all parts of the CLAST or the equivalent components of PRAXIS as approved by the Florida Department of Education must be passed. In the case of a Nevada student, the Praxis Level I or the C-Best are to be used to meet this entry testing requirement. Passing scores are determined by the Nevada Department of Education. However, if there are no scores, or the student has not passed all sections of the CLAST or PRAXIS, then the student will only be permitted to register for Benchmark I courses until passing scores on the CLAST or PRAXIS are submitted to the Division of Education. No exceptions will be made as passing scores must be on file in order to register for any courses in the major beyond Benchmark I courses. Benchmark I courses

are: EDUC 3001 Benchmark I, EDUC 3000 Clinical Experiences, and Block #1 courses: EDUC 3330 Integrating Instructional Technology in the Classroom; EDUC 3350 Survey of Exceptional Student Education; and EDUC 3360: Educational Psychology. Benchmark I requirements include completion of the preprogram questionnaire and self-assessment and background check/security clearances for field-based clinical experiences. Benchmark I requirements also include development of the portfolio through insertion of appropriate artifacts delineated in each course outline. The passing of all parts of the CLAST, or its equivalent for Nevada students, is a component of the matriculation process (see the heading "Matriculation Requirements for Education Majors" in this catalog for further information).

EDUC 3120 Comm for Prof in Educ (3 credits)
The focus of this course is applicable to educators who serve or may serve as classroom teachers, team leaders, lead instructors, coordinators, liasions, supervisors, directors, managers, division chiefs, chair persons or other such positions of influence. Emphasis on public comunication skills and strategies required of people in the business of education. Topics include: Designing Environments Conducive to Effective Communication, Identifying Cultural/Gender and Other Communication Differences, Effective Communication in Difficult Situations, Professional Vocabulary and Delivery, Interpersonal Communication, Effectively Influencing Decision Makers, Conducting Interviews/Being Interview, Counseling Co-Workers and Subordinates, Rules of Engagement and Other Communication Strategies to Facilitate Meetings and Discussions.

EDUC 3200 Intro. Sch. Law for Educators (3 credits)
The purpose of this course is to help future educators understand the laws that govern the operation and conduct of public, parochial, and private school systems and to incorporate relevant legal principals into their professional practice. Topics of study will include but are not limited to: Legal Framework, Church and State Issues, Students and the Law, National Security, Individuals with Disabilities (ADA, IDEA, Section 504, FAPE), District and School Personnel Liability, Liability and Student Records (FERPA, NCLB & Safety), Teacher Freedoms, Discrimination and Employment, Recruitment, Tenure, Dismissal, and Due Process, Instructional Programming (NCLB), and Desegregation and Schools. Student must be Junior or Senior Level

EDUC 3325 Using Technology Tools and Resources (1 credits)
The purpose of this course is to provide opportunities for students to develop knowledge and skills regarding applications of computers. The student will be able to identify the parts and functions of the computer system, related advances in technology to various periods of history, perform computer activities, identify uses of the computer and become familiar with Basic technology skills for survival in the "information age". Hands-on learning activities are an integral part of this course.

EDUC 3326 Integrating Instruct Tech - JA (3 credits)
Presents strategies for technology integration into the classroom curriculum in elementary and secondary learning environments. Hands-on experiences will allow students to apply teaching practices and research to specific learning needs of typical and atypical learners. Prerequisites: EDUC 3325

EDUC 3330 Integrating Instructional Technology in the Classroom (3 credits)
Presents strategies for technological integration into the classroom curriculum in elementary/secondary learning environments. Hands-on experiences will allow students to apply teaching practices and research to specific learning needs of typical and atypical learners. In addition to class meetings, a minimum of ten hours of observation and participation in a clinical setting are required. Prerequisistes: EDUC 1100. In addition, students must have completed a computer literacy class (TECH 1110 or its equivalent) or a computer literacy test-out.

EDUC 3350 Survey of Exceptional Student Education (3 credits)
Current trends and issues such as viewing learning styles of exceptional learners in relation to Gardener's multiple intelligences and the validity of inclusion and considerations for students who are limited to English proficiency (LEP) are investigated. In addition to class meetings, a minimum of 10 hours of observation and participation in the clinical setting is required.

EDUC 3351 Survey of Excep Student Ed JA (3 credits)
Foundations in exceptional student education in which historical perspectives, student characteristics, prevalence, incidence, etiology and medical aspects of exceptional learners are discussed. Techniques of prevention and intervention, from infancy through adulthood, are explored through classification processes, the continuum of services and utilization of community services Current trends and issues, such as viewing learning styles of exceptional learners in relation to Gardener's multiple intelligences, the validity of inclusion and considerations for students who are limited in English proficiency (LEP) are investigated. This is an ESOL infused course. In addition to class meetings, a minimum of ten (10) hours of observation and participation in a clinical setting are required. Prerequisites: Completion of general education requirements and passage of the EDUC 3326.

EDUC 3360 Educational Psychology (3 credits)
This course combines the two fields of psychology and education. It is the scientific study of human beings and the principles by which learning can be increased and directed by education. Students will learn about principles of development, learning, assessment, and motivation, among other areas of study for prospective teachers to consider as they analyze student behavior and make decisions for instruction. Students will complete a 10 hour clinical experience in a school classroom. The following Educator Accomplished Practices will be addressed: #1,5,7,8,9,& 11.

EDUC 3500 Clinical Experiences (0 credits)
Clinical experience required. This may require fingerprinting and security clearance depending on county requirements. This placement will be the setting for all clinical experiences required with courses taken throughout this 16 week period. This block of courses requires university supervision of the clinical experience. Please refer to the Clinical Experience Handbook at www.undergrad. nova.edu/EDU/clinical.cfm for a full explanation.

EDUC 3501 Benchmark II (0 credits)
Benchmark II requirements include passage of all sections of the CLAST, matriculation into the major, and continuation of the development of the portfolio through insertion of appropriate artifacts delineated in each course outline. Student register for EDUC 3501 Benchmark II and EDUC 3500 Clinical Experiences concurrently with Block #2 courses. The matriculation process must be completed before beginning Benchmark II. If evidence of passage of all sections of the CLAST cannot be provided, the student will not be permitted to register for any Block 2, 3, or 4 courses in the major.

EDUC 3520 Principles and Practices of Instruction and Assessment I (3 credits)
This course explores three pedagogical models usable with all students. The phases of instructional development-planning, implementation, and assessment-provide the framework for exploration of the models. Preservice teachers are required to apply their knowledge of the pedagogical models by planning, implementing, and assessing a lesson in an actual classroom. Therefore, preservice teachers learn and implement ESOL strategies in their teaching with students. In addition to class meetings, a minimum of 10 hours of clinical experience is required. This course has a mandatory university supervision component of the clinical experiences. Prerequisites: All Block I courses.

EDUC 3999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of upper-level undergraduate prior learning credit. This course is repeatable.

EDUC 4000 Clinical Experiences (0 credits)
Clinical experience required. This may require fingerprinting and security clearance depending on county requirements. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period. This block of courses requires university supervision of the clinical experience. Please refer to the Clinical Experience Handbook at www.undergrad. nova.edu/EDU/clinical.cfm for a full explanation.

EDUC 4001 Benchmark III (0 credits)
Benchmark III requirements include continuation of the development of the portfolio through insertion of appropriate artifacts delineated in each course outline. Students register for Benchmark III (EDUC 4001) and Clinical Experiences (EDUC 4000) concurrently with Block #3 courses. During Benchmark III, students make application for their teaching internship experience by the posted deadlines (see the heading "Internship" in the Department of Education section of this catalog for further information).

EDUC 4200 Simulation (0 credits)
The Simulation Experience is a zero credit, full semester lab that all students must complete prior to internship. Students (in teams) are ¿placed¿ in simulation classrooms and required to recommend interventions relating to issues that arise relating to diversity. The simulation experience takes place over three phases; Phase 1 takes place in a kindergarten classroom; Phase 2 in a middle school classroom; and Phase 3 in a high school classroom. The Simulation Experience is directly related to the QEP (Quality Enhancement Plan) within the Fischler School of Education and Human Services at Nova Southeastern University. Pre-Requisites:All Block 1, 2, and 3 courses

EDUC 4320 Classroom Management for Typical and Atypical Learners in Multicultural Classrooms (3 credits)
This course examines classroom management as the interrelationship of appropriate curricula, methods, materials, student behavior, and teacher behavior from culturally diverse perspectives. These factors are related to the twelve accomplished practices from the Florida Education Standards Commission and the research base from the Florida Performance Measurement System (FPMS). A minimum of 10 hours of clinical experience in a community school is required. This course is cross-listed with ESED 4320. This class has a mandatory university supervision component of the clinical experiences. Prerequisites: All Block I & II courses.

EDUC 4321 Class Mgmt Through Confl Res (3 credits)
This course provides an introduction to conflict, conflict resolution, and various ways in which conflict resolution can be practically applied to manage behavior in the classroom. The course focuses on the basic theories of conflict escalation and de-escalation and elements of the constructivist classroom, as well as communication and problem-solving skills with practical application using a variety of techniques for use with primary and secondary children, parents, colleagues, and administrators and other stakeholders.

EDUC 4500 Clinical Experiences (0 credits)
Clinical experience required. This may require fingerprinting and security clearance depending on county requirements. This placement will be the setting for all clinical experience required with course taken throughout this 16-week period. This block of course requires university supervision of the clinical experience. Please refer to the Clinical Experience Handbook at www.undergrad. nova.edu/EDU/clinical.cfm for a full explanation.

EDUC 4501 Benchmark IV (0 credits)
Benchmark IV requirement include completion of the Florida Teacher Certification Exam at the professional level, subject-area level, and the General Knowledge Test. Benchmark IV requirements also include continuation of

the development of the portfolio through insertion of appropriate artifacts delineated in each course outline. Students register concurrently for EDUC 4501 Benchmark IV and EDUC 4500 Clinical Experiences, and Block #4 courses. Students must complete Benchmark IV before graduating. The final course for all education majors is EDUC 4570 Internship/Seminar. Participation in the internship is dependent on the results of the senior audit conducted by advisers to verify that all coursework and testing requirements have been satisfactorily completed.

EDUC 4570 Teaching Internship/Seminar (12 credits)
This course offers a comprehensive review and practical application of educational philosophy, methods, and strategies through a 12-week internship that consists of two components: coursework and seminars. The central coursework is composed of a 12-week field experience, with a concurrent seminar serving as a supportive and reinforcing component. This is an ESOL infused course. During the seminar sessions, the intern will explore, in depth, such topics as school board rules, regulations, and policies; professional ethics; best practices; Professional Generic Competencies, Preprofessional Educator Accomplished Practices; teaching strategies; current trends in education; review and discussion of essential teaching competencies; Bloom¿s taxonomy as it relates to comprehensive assessment; self-assessment; and assessment of the student teaching experience. Pre-requisite: Degree Candidacy

EDUC 4580 Internship/Seminar (9 credits)
This course offers a comprehensive review and practical application of educational philosophy, methods, and strategies through a 12-week internship that consists of two components: coursework and seminars. The central coursework is composed of a 12-week field experience, with a concurrent seminar serving as a supportive and reinforcing component. This is an ESOL infused course. During the seminar sessions, the intern will explore, in depth, such topics as school board rules, regulations, and policies; professional ethics; best practices; Professional Generic Competencies, Preprofessional Educator Accomplished Practiced; teaching strategies; current trends in education' review and discussion of essential teaching competencies; Bloom's taxonomy as it relates to comprehensive assessment; self-assessment; and assessment of the student teaching experience.

EDUC 4600 MAP Internship Seminar I (0 credits)
This course is designed to provide an overview for students wishing to pursue a master's degree and obtain an additional area of expertise.

EDUC 4910 Introduction to Drivers' Education (3 credits)
This course's objectives will be taken from the Florida Department of Education Driver's Education outlined expectations. The course will be a study of basic content, methodology, and appropriate activities for the purpose of teaching high school students basic driver's education. Participants will review basic driving rules and procedures associated with driving as well as how to implement these procedures using engaging instructional strategies. Participants will be introduced to the highway transportation system and be provided with an in-depth study of the scope and nature of accident problems and solutions. Teaching strategies to assist the participant with classroom implementation will be used throughout the course. Sample teaching strategies and curriculum connections are included in this syllabus.

EDUC 4911 Inst Strat & Meth Teach Adv (3 credits)
Advanced Driver Education is one of three courses required by the Florida Department of Education for teachers to receive the "Endorsement" for teaching driver education in the state of Florida. Teaching a person to drive is for more than simply imparting knowledge and developing skills. The opportunity should be given to learn how one is to behave behind the wheel--physically, intellectually, socially, and emotionally. Driver Education will improve the behavior of the student driver, developing well informed traffic citizens who understand and support traffic safety. The course's objectives will be taken from the Florida Department of Education Drivers' Education outlined expectations. The course will be a study of basic content, methodology, and appropriate activities for the purpose of teaching high school students basic drivers' education. Participants will review basic driving rules and procedures associated with driving as well as how to implement these procedures using engaging instructional strategies.

EDUC 4912 Admin Super of Driver Educ (3 credits)
This course will be a continuous review and evaluation of the first two courses; basic driver education & advanced driver education that are part of the requirements for an endorsement in driver education. The administration & supervision course will require the participants to use the internet and other materials to obtain statistics in reference to automobile accidents that incur physical damage to people, property damage and deaths. The participants will make recommendations for reducing automobile accidents. The participants will be involved with designing various types of driver education programs, including cost analyses for each. The cost will include the range program, (purchase/rental of automobiles, maintenance of vehicles, gasoline, etc.), simulation, the regular classroom, behind the wheel instruction for both the range and on street driving phases, and/or a combination of two or more types of the curriculum. The various recommendations and cost analysis will be presented orally to the other class members with written information shared with other students.

EDUC 4970 Advanced Special Topics: Assessment Interpretation/Prescription Based on Current Pratices (3 credits)
Advanced topics in education that are not included in regular offerings. Specific content and prerequisites are announced in the course schedule for a given term. Students may re-enroll for special topics different content.

EDUC 5100 Educ Prof Seminar II (6 credits)
This course is designed to provide an overview for students wishing to pursue a master's degree and obtain an additional area of expertise.

EECP—Early Chldhd Ed Primary

EECP 3330 Integrating Instructional Technology in the Classroom (3 credits)
Presents strategies for technological integration into the classroom curriculum in elementary/secondary learning environments. Hands-on experiences will allow students to apply teaching practices and research to specific learning needs of typical and atypical learners. In addition to class meetings, a minimum of ten hours of observation and participation in a clinical setting are required. Prerequisistes: EDUC 1100. In addition, students must have completed a computer literacy class (TECH 1110 or its equivalent) or a computer literacy test-out.

EECP 3540 Services and Delivery Systems (3 credits)
Students will be involved in appropriate and varied service delivery systems, including home-based, center-based, and hospital-based environments. Curriculum methods, materials, and practices will provide for inclusion of children with special needs and their families, including the gifted and talented and, also, provide for the needs of children and families who are linguistically and culturally diverse. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

EECP 3550 Child Guidance and Classroom Management (3 credits)
Students in this course will examine appropriate and developmentally sensitive strategies for managing behavior in typically and atypically developing children ages three to eight years old. Performing functional analysis of behavior and collaboration with support specialties will be discussed. The importance of consistency and proactive strategies will be stressed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I courses.

EECP 3999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of upper-level undergraduate prior learning credit. This course is repeatable.

EECP 4330 Health, Nutrition, Safety, and Physical Development in Early Childhood (3 credits)
Students in this course will study how to promote maximum growth and psychological safety of young children. Emphasis is placed on the indicators and procedures to ameliorate child abuse and neglect. Sources of community support and resources to support prevention and family strength will be highlighted. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I, Block II, & Block III courses.

EECP 4340 Developmentally-Appropriate Practices For Teaching Literacy And Language Arts In Early Childhood (3 credits)
Students will plan, implement and evaluate developmentally appropriate and integrated content and methodology in the area of emergent and developing language and literacy, including: pre-reading and reading, pre-writing and writing, and receptive, expressive, and interpretative communication. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I & Block II courses.

EECP 4345 Principles & Practices Of Reading & Language Arts Assessment In Prekindergarten/Primary Education (3 credits)
Students will investigate a range of literacy and reading techniques and materials that assess reading progress in the early childhood classroom. Students will apply, implement, and evaluate developmentally appropriate methods for evaluating, improving and remediating individual prereading skills to ensure future success of all students within a diverse early childhood setting. In addition to class meetings, a minimum of 10 hours of clinical observation and participation within an early childhood setting (prekindergarten-grade three) is required. Prerequisites: All Block I & Block II courses.

EECP 4520 Developmentally Appropriate Practices for the Teaching of Reading in Early Childhood (3 credits)
This course examines concepts in reading, including sequential development, skills in word recognition, and comprehension methods and materials. The rationale for each method is discussed and practical application with young children is stressed. This course is designed to focus on prereading and reading skills of students from age three to grade three. The relationship of writing, listening, and language to reading development is included. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I, Block II, & Block III courses.

EECP 4530 Developmentally-Appropriate Practices For The Integration Of Creative Arts Across The Early Childhoo (3 credits)
Students will plan, implement, and evaluate developmentally appropriate and integrated content and methodology in the area of emergent and developing understanding of art, drama, movement, and music. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I, Block II, and Block III courses.

EECP 4545 Dev App Pract Integ Math & Sci (3 credits)
Students will focus on instruction and integration of mathematics and science content and methodology in the areas of emergent and developing mathematical and scientific principles. Theories of child development and learning will be reviewed as they apply to hands on instruction as well as assessment in both content areas for children in the age range 3 through 3rd grade. Students will plan, implement, and evaluate developmentally appropriate lessons while demonstrating best practices. Integration of both mathematics and science content area throughout the curriculum in developmentally appropriate ways will be stressed. Additionally, strategies for involvement of family and community will be stressed. In addition to class

meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I, Block II, & Block III.

EECP 4550 Developmentally Appropriate Practices for Teaching Social Studies in Early Childhood Education (3 credits)
Students will plan, implement, and evaluate developmentally appropriate and integrated content and methodology in the area of emergent and developing understanding of social science. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I, Block II, and Block III courses.

EECP 4560 Integrating Literacy Throughout the Early Childhood Curriculum (3 credits)
Students will focus on the review and application of varied samples of literature as they relate to the total curriculum, while integrating all phases of diversity in the early childhood classroom. The course examines the teacher's role in evaluating literature intended to foster students' ability to understand, recall, integrate information, and improve comprehension of the independent learner through the world of literature. In addition to the class meetings, a minimum of 10 hours of clinical observation and participation within an early childhood setting (prekindergarten-grade three) is required. Prerequisites: All Block I, Block II, and Block III courses.

ELEM—Elementary Education

ELEM 1999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of lower-level undergraduate prior learning credit. This course is repeatable.

ELEM 3530 Teaching Social Studies in the Elementary and Middle School (3 credits)
This course is a study of content, methodology, program development, appropriate activities, and assessment techniques for elementary school social studies. In addition, students will implement ESOL strategies in planning and presenting lessons. Students will also become familiar with the Florida Accomplished Practices as appropriate. Students are required to teach a social studies lesson in an elementary school classroom during the 10 hour clinical experience required for this class. This is an ESOL infused course. Prerequisites: Completion of all general education requirements, CLAST and all Block I courses.

ELEM 3531 Science Curriculum Lab for Elementary Education (1 credits)
This science laboratory course explores the modern school science curriculum. Attention is given to the connections among science concepts with reference to vertical scope and sequence throughout the grade levels. A particular strand of scientific knowledge is explored each week during which class activities will demonstrate how the early concepts in the particular strand from a foundation of knowledge for the more advanced concepts in the same strand at higher grade levels. This science laboratory component will explore the science concepts each week in a hands-on, material-based format using activity-based cooperative groups learning strategies. This course is only offered in Jamaica.

ELEM 3532 Sci Curric for Elem Educ Major (3 credits)
This course examines the pre-k through grade 12 science curriculum content that is based on National Research Council guidelines. Specific attention is given to major scientific concepts necessary for appropriate scope and sequence in teaching the elementary school curriculum. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I courses.

ELEM 3533 Sci Curr for Elem Ed (Jamaica) (3 credits)
This course explores the preK-12 science curriculum content based up the Best Practices: Jamaica Ministry of Education and Culture Revised Primary Curriculum guidelines. Attention is given to the connections among science concepts with reference to vertical scope and sequence throughout the grade levels. A particular strand of scientific knowledge is explored each week during which class activities will demonstrate how the early concepts in the particular strand form a foundation of knowledge for the more advanced concepts in the same strand at higher grade levels. There will be a ten hour field experience observing science practiced in a local community school. The science laboratory component will explore the science concepts each week in a hands-on material based format utilizing activity-based cooperative group learning strategies. All discussion, clinical/field experiences, and laboratory experiences will be recorder in a journal as permanent record of the concepts explored.

ELEM 3540 Principles and Practices of Instruction and Assessment II (3 credits)
Explores three pedagogical models usable with all students. The phases of instructional development-planning, implementation, and assessment-provide the framework for exploration of the models. Students are required to apply their knowledge of the pedagogical models by planning, implementing, and assessing lessons in an actual classroom. In addition to class meetings, a minimum of 10 hours of clinical experience are required. Prerequisites: All Block I courses and EDUC 3520.

ELEM 3543 Studnet Instruct. & Assess. JA (3 credits)
Student-centered Instruction and Assessment explores three pedagogical models usable with all students. The phases of instructional development-planning, implementation, and assessment-provide the framework for exploration of the models. Students are required to apply their knowledge of the pedagogical models by planning, implementing, and assessing a lesson in an actual classroom.

ELEM 3550 Methods of Teaching Science in the Elementary School (3 credits)
This course examines content and methods for teaching elementary school science using various approaches and resources. In addition to class meetings, at least 10 hours

of clinical experience are required. Prerequisites: All Block I courses.

ELEM 3999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of upper-level undergraduate prior learning credit. This course is repeatable.

ELEM 4320 Elementary Classrm. Management (3 credits)
This course examines the knowledge base and repertoire for effective classroom management for the elementary school classroom. Course work is tied to state standards (e.g., Florida Preprofessional Educator Accomplished Practices, Interstate New Teacher Assessment and Support Consortium (INTASC) and the research base from the Florida Performance Measurement System (FPMS). Preservice teachers are required to apply their classroom management knowledge base and repertoire in an actual elementary classroom; therefore, ten hours of field experiences are required. This course is ESOL infused. Prerequisites: All Block I & II courses.

ELEM 4330 Mathematics Curriculum for Elementary Education Majors (3 credits)
This course examines the pre-K through grade 12 math curriculum content that is based on National Council of Teachers of Mathematics guidelines. Specific attention is given to major math concepts necessary for appropriate scope and sequence in the elementary school curriculum. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I & Block II courses.

ELEM 4331 Math Curr For Elem Ed Major JA (3 credits)
This course explores the modern school mathematics curriculum. Attention is given to the connections among math concepts with reference to vertical scope and sequence throughout the grade levels. A particular strand of mathematical knowledge is explored each week during which class activities will demonstrate how the early concepts in the particular strand form a foundation of knowledge for the more advanced concepts in the same strand at higher grade levels. The student will record the classroom exploration of each strand in a journal as a permanent record of the knowledge composing the mathematics curriculum.

ELEM 4340 Methods of Teaching Language Arts Through Children's Literature in the Elementary School (3 credits)
This course examines content and teaching strategies for teaching language arts through the use of children's literature. Students will implement ESOL strategies in planning and presenting language arts lessons. Emphasis is on the identification of high-quality children's books and the development of teaching strategies for integrated language arts instruction. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I & II courses.

ELEM 4341 Meth of Teach Lang Arts ElemJA (3 credits)
This course examines content and teaching strategies for teaching language arts through the use of children's literature. Emphasis is on the identification of high-quality children's books and the development of teaching strategies for integrated language arts instruction. Students will implement ESOL strategies in planning and presenting language arts lessons. This is an ESOL infused course. In addition to class meetings, at least ten hours of observation and participation in a clinical setting is required. This course has a mandatory university supervised clinical component. Prerequisite/s: Completion of all general education requirements, CLAST, and all Block I, Block II, and Block III courses.

ELEM 4350 Methods of Teaching Mathematics in the Elementary School (3 credits)
This course will focus on methods of teaching mathematics to elementary children. Students will explore a variety of techniques (using various manipulatives as well as technology) and reflect on approaches most applicable to teaching and learning when working with students who are typical in learning styles, who are limited in English Proficiency (LEP) or who are exceptional learners. There will be a ten (10) hour field experience in a community school. Prerequisites: All Benchmark I and II courses.

ELEM 4360 Methods of Teaching Literacy in the Elementary School (3 credits)
This course examines concepts in teaching, including sequential development skills in both word recognition and comprehension methods and materials. The rationale for each method is discussed and practical application with an elementary school student is required. The relationship of writing, listening, and speaking to reading is included. Students will implement ESOL strategies in planning and presenting lessons. In addition to class meetings, at least 10 hours of clinical experience are required. Prerequisites: All Block I & Block II courses.

ELEM 4361 Teach Literacy in Elem JA (3 credits)
This course examines concepts in reading, including sequential development skills in both word recognition and comprehension methods and materials. The rationale for each method is discussed and practical application with an elementary school youngster is required. The relationship of writing, listening, and speaking to reading is included. Students will implement ESOL strategies in planning and presenting lessons. This is an ESOL infused course. In addition to class meetings, at least ten hours of clinical experience are required. Prerequisite/s: Completion of all general education requirements, CLAST, and all Block I, Block II, and Block III courses.

ELEM 4530 Integrating Art, Music and Health Education Across the Curriculum (3 credits)
This course examines the methodology for the integration of art, music and health education into the elementary school curriculum based on the theory of multiple intelligences. Age and grade appropriate methods, materials, activities and assessment will be introduced through practical applications, which are based on current

research. In addition to class sessions, at least ten hours of field experience is required.

ELEM 4540 Reading Assessment I (3 credits)
Examines recent trends in testing of work recognition and comprehension techniques. Students learn the appropriate use of methods and materials to improve reading performance. Students will consider ESOL influence when administering assessments and interpreting data. The rationale for each assessment technique is discussed and practical application with an elementary school student is required. In addition to class meetings, at least 10 hours of clinical experience are required. Prerequisites: All Block I, Block II, and Block III courses.

ELEM 4541 Reading Assessment in Elem JA (3 credits)
This course examines recent trends in testing of word recognition and comprehension reading performance. The rationale for each assessment technique is discussed and practical application with an elementary school youngster is required. Students will consider ESOL influences when administering assessments and interpreting data. This is an ESOL infused course. In addition to class meetings, at least ten hours of clinical experience are required. Prerequisite/s: Completion of all general education requirements, CLAST, and all Block I, Block II, and Block III courses.

ELEM 4560 Methods of Teaching Reading Across the Elementary Curriculum (3 credits)
This course addresses the significance of reading ability and study skills throughout the elementary school curriculum. The emphasis is on identifying sources of difficulties experienced by elementary school students in reading and learning from instructional materials. General strategies for learning from textbooks are examined, as well as study skills and specific strategies for dealing with text materials from particular content areas. Students will implement ESOL strategies in planning and presenting lessons. In addition, to class meetings, at least 10 hours of clinical experience are required. Prerequisites: All Block I, Block II, & Block III courses.

ELEM 4561 Method of Teach Read Elem JA (3 credits)
This course addresses the significance of reading ability and study skills throughout the elementary school curriculum. The emphasis is on identifying sources of difficulties experienced by elementary school students in reading and learning form instructional materials. General strategies for learning from textbooks are examined as well as study skills and specific strategies for dealing with text materials from particular content areas. Students will implement ESOL strategies in planning and presenting lessons. This is an ESOL infused course. In addition to class meetings, at least 10 hours of clinical experience are required. Prerequisite/s: Completion of all general education requirements, CLAST and all Block I, Block II, and Block III courses.

ENT—Entrepreneurship

ENT 1999 Prior Learning Credits Entrepe (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Entrepreneurship. This course is repeatable up to 12 credits.

ENT 3100 Small Business Management (3 credits)
Studies management problems that relate to the small-scale entrepreneur. Examines the decisions to be made in initiating a business: implementing financial and administrative controls, operating systems, pricing and marketing strategy, and understanding the legal environment.

ENT 3999 Prior Learning Credits Entrepe (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Entrepeneurship. This course is repeatable up to 12 credits.

ENT 4400 Franchise Manangement (3 credits)
This course emphasizes the important aspects of starting and managing a franchise business. Specific attention is placed on the characteristics of the franchisor and franchisee; evaluation of franchising opportunities; legal concerns of franchising; the development of appropriate strategies and the successful planning, implementation and launching of a new business.

ENT 4800 Entrepreneurship Experience (3 credits)
Students will learn through the case study method, computer simulations, and from local businesses researching the issues and challenges facing entrepreneurs. The course includes finance, marketing, human resources, valuation techniques, turnaround management, exit strategies, and ethical considerations. Student teams will choose a function business for their term project. They will identify specific issues, problems, and recommend solutions through written and oral presentations. Prerequisites: ACT 2200, ACT 2300, MGT 2050, and MKT 3050.

ENVS—Environmental Science

ENVS 1100 Environmental Science I (3 credits)
Environmental Science I provides students with a broad overview of a highly interdisciplinary subject by examining how man can best live with Earth's environment. The first semester concentrates on the biological nature of environmental science: NIMBY, environmental justice, eco-feminism, biological communities, biodiversity, population, food, and hunger.

ENVS 1101 Environmental Science I Lab (1 credits)
The laboratory series connects science with teaching and the real world. Students are taught how to convert scientific themes into investigative packs for the curious nature of the middle school student. The course will be taught in a format that utilizes easily accessible equipment and supplies and that uses resources generally available within the community. Laboratory exercises connect environmental

science with ecology, human population problems, biodiversity, soils, food, hunger, and nutrition.

ENVS 1200 Environmental Science II (3 credits)
Environmental Science II provides students with a broad overview of a highly interdisciplinary subject. The course examines how man can best live with the Earth's environment. The second semester concentrates on the issues surrounding the physical nature of environmental science: air and water urbanization, toxic waste, natural resource management, law, and politics.

ENVS 1201 Environmental Science II Lab (1 credits)
The laboratory series connects science with teaching and the real world. Students are taught how to convert scientific themes into investigative packs for the curious nature of the middle school student. The course will be taught in a format that utilizes easily accessible equipment and supplies and that uses resources generally available within the community. Laboratory exercises connect environmental science with drinking water, air and water pollution, recycling and garbage, household and toxic chemicals, as well as energy resources.

ENVS 1999 Prior Learning Credit in Environmental Science (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in environmental science. This course is repeatable up to 12 credits. Prerequisite: approval of director.

ENVS 3100 Environmental Issues (3 credits)
Environmental Issues is designed to teach students that most of today's issues in environmental science are highly controversial and that advocating a policy stand on an environmental concern requires the balancing of the pros and cons of an issue. Several current areas will be introduced in an unbiased manner. The students will gain experience taking sides and debating issues by presenting objective perspectives on environmental topics. Prerequisites: BIOL 1040, ENVS 1100, or ENVS 1200.

ENVS 3101 Introduction to Public Health (3 credits)
This course provides an introduction to the concepts, values, principles, and practice of public health.

ENVS 3170 Everglades Ecology and Conservation (3 credits)
An overview of the Greater Everglades Ecosystem that integrates biological, geological, ecological, conservation, social, economic and political aspects to the ecosystem and its current restoration efforts. The course will examine the main biological and physical features of South Florida, and the ecological processes that make this a unique ecosystem. The course will also examine man's relationship with the ecosystem since the times of their earliest occupation in the region to present. The course incorporates classroom time and 4 all-day Saturday fieldtrips. Prerequisites: ENVS 1100 or BIOL 1510

ENVS 3201 Environment, Culture, Ethnicity and Health (3 credits)
This course introduces students to skills and insights necessary in promoting health in diverse populations. Issues discussed include the need for effective communication; understanding of cultural factors and how they impact preventive efforts; and health care status and utilization patterns on the health care system and expenditures. The course also explores traditional modalities of health maintenance among various populations.

ENVS 3999 Prior Learning Credit in Environmental Science (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in environmental science. This course is repeatable up to 12 credits. Prerequisite: approval of director.

ENVS 4002 Health Promotion and Disease Prevention (3 credits)
Students learn health educational strategies that can be incorporated into multiple settings focusing on wellness and preventive interventions. This course addresses individual and social factors as well as behavioral issues, health detriments, and community resources. Prerequisite: ENVS 3201.

ENVS 4210 Environmental Epidemiology (3 credits)
Examines the history, principles, and uses of epidemiology for understanding and control of health and disease in relation to human environments. Emphases in this survey course include the natural history, prevention, and control of diseases, as well as monitoring and outbreak investigations. Prerequisites: BIOL 2400 or BIOL 3400.

ENVS 4300 Industrial Ecology (3 credits)
Industrial ecology is a new way of thinking about economy-environment interactions. To provide a suitable and sustainable quality of life, increased (rather than less) reliance on new technologies will be required. Industrial ecology is the means by which humanity can deliberately and rationally approach and maintain a desirable carrying capacity given continued economic, cultural, and technological evolution. The concept requires that an industrial system be viewed not in isolation from its surrounding systems, but in concert with them. It requires familiarity with industrial activities, environmental processes, and societal interactions. This course will unite many of the concepts learned throughout the degree program. It is a subject that acknowledges the interdisciplinary nature of environmental issues and maintains that one solution (the industrial one) lies in uniting the new generation of engineers, scientists, business people, and public policy experts such that we enter a new century with an environmental ethic guiding each business decision. Topics considered will include the minimizing of energy-intensive process steps in manufacturing, the reduction of residues, and the importance of designing, building, maintaining, and recycling products in such a way that they impose minimal impact on the wider world. Prerequisite: MATH 3020.

ENVS 4310 Environmental Health (3 credits)
Environmental Health examines a multidisciplinary field.

The study of environmental health sciences is concerned with the impact of environmental conditions on human health. Particular attention is given to the health effects in human populations that can arise from exposures to agents (chemical, biological, physical) through the air they breathe, the water they drink, and the food they eat. Prerequisite: ENVS 3101

ENVS 4950 Internship in Environmental Science and Study (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

ESED—Exceptional Student Ed

ESED 1999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of lower-level undergraduate prior learning credit. This course is repeatable.

ESED 3530 Educational Assessment of Exceptional Students (3 credits)
Assessment of exceptional students for instructional planning purposes is stressed. Topics include formal and informal evaluation techniques, as well as the interpretation, application, and communication of results. Emphasis is also placed on addressing programmatic needs from kindergarten through adulthood. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I courses.

ESED 3540 Introduction to Language and Speech Disabilities (3 credits)
The study of language development and disorders, including the impact of language on learning and augmentative forms of communication. Individual needs and remediation concerns are addressed from early childhood to adulthood. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I courses.

ESED 3550 Vocational/Functional Life Skills (3 credits)
Personal and social skills for exceptional learners are stressed through emphasis on employability skills, career awareness, and transition planning for adult living. Teaching major competencies necessary form kindergarten through adulthood in the areas of vocational and social needs is explored and applied. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I courses.

ESED 3560 Education of the Mildly Handicapped (3 credits)
Nature and needs of mildly handicapped students are stressed (definitions, characteristics, prevalence, incidence, etiology, and medical aspects). Educational needs of students who are limited in English proficiency (LEP) are investigated. Curricular planning, prevention and intervention strategies for exceptional learners (emotionally handicapped, educable mentally handicapped, and specific learning disabilities) from kindergarten through adulthood in resource room or full inclusion settings are explored and applied. Professional organizations, array of services, use of community services from culturally diverse perspectives, IEPs and placement processes are emphasized. In addition to the class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I courses.

ESED 3561 Families, Professionals, and Exceptionality (3 credits)
A study of theory, research, and best practices related to family-professional partnerships from both general and special education is conducted. Families are studied as interactive systems from a multicultural perspective. Concepts and techniques of developing empowerment through collaboration are discussed and applied for it is through such partnerships that reliable alliances develop. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. Prerequisites: All Block I courses.

ESED 3570 Found of LD (3 credits)
A study in the fundamental knowledge in the field of specific learning disabilities. Concepts, theories, characteristics, causes of specific leaning disabilities as well as assessment and teaching methods are presented to pre-service teachers.

ESED 3999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of upper-level undergraduate prior learning credit. This course is repeatable.

ESED 4320 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom (3 credits)
This course examines classroom management as the interrelationship of appropriate curricula, methods, materials, student behavior, and teacher behavior from culturally diverse perspectives. These factors are related to the twelve accomplished practices from the Florida Education Standards Commission and the research base from the Florida Performance Measurement System (FPMS). A minimum of 10 hours of clinical experience in a community school is required. This course is cross-listed with ESED 4320. This class has a mandatory university supervision component of the clinical experiences. Prerequisites: All Block I & Block II courses.

ESED 4360 Classroom Procedures for the Emotionally Handicapped (3 credits)
Emphasis is placed on instructional strategies for teaching students who are emotionally handicapped. Development, implementation, and evaluation of individualized educational plans are stressed. Instructional techniques, motivational strategies, and data-based management for students ranging in age from kindergarten through high

school are investigated and applied. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I, Block II, & Block III courses.

ESED 4390 Curriculum for Learning Abilities (3 credits)
A study of specialized curriculum and instructional materials for teaching students with specific learning disabilities will be emphasized. Topics include curriculum standards and resources for students ranging in age from kindergarten through high school.

ESED 4530 Classroom Procedures for the Intellectually and Developmentally Disabled (3 credits)
Emphasis is placed on instructional strategies for teaching students who are mentally handicapped. The development, implementation, and evaluation of individualized educational plans are stressed. Special approaches to teaching functional skills, development programming, and data-based management for students ranging in age from kindergarten through high school are investigated and applied. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. Prerequisites: All Block I, Block II, & Block III courses.

ESED 4550 Methods and Teaching Materials for Teaching SLD Learners (3 credits)
Emphasis is placed on instructional strategies for teaching students with specific learning disabilities. Specialized approaches to teaching basic skills and adaptation of curriculum and materials for students ranging in age from kindergarten through high school are investigated and applied. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. This course has a mandatory university supervision component of the clinical experiences. Prerequisites: All Block I, Block II, & Block III courses.

ESOL—ESOL-Engl Speakers/Other Lang

ESOL 1999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of lower-level undergraduate prior learning credit. This course is repeatable.

ESOL 2903 Cross Cultural Studies (3 credits)
This course will enable students to expand their knowledge of a multiplicity of cultural groups nationwide. This knowledge will allow them to identify culture-specific verbal and nonverbal communications and school behaviors resulting from cultural variations and their influence on student behavior/attitudes. The use of recent research findings and cross-cultural awareness will assist participants in maximizing student learning and in designing culturally sensitive instructional materials while exhibiting appropriate teacher behaviors in cross-cultural school settings. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

ESOL 3340 Survey of TESOL for Teachers (3 credits)
This course is required of all undergraduate preservice teachers enrolled in ESOL infused programs. A survey of TESOL for undergraduate education majors, this course provides a broad conceptual framework for preservice teachers to understand the potentials and hurdles of the limited English proficient (LEP) in a subject area classroom. It surveys the Office of Multicultural Student Language Education's twenty-five performance standards for Teachers of English for Speakers of Other Languages, and reviews the latest research written by experts in the field. In addition to class time, a minimum of 10 hours of clinical experience in a community school is required.

ESOL 3341 Survey TESOL Teachers JA (3 credits)
ESOL 3341 is required of all undergraduate preservice teachers enrolled in ESOL infused programs. This course is a survey of TESOL for Undergraduate Education majors. It provides a broad conceptual framework for preservice teachers to understand the potentials and hurdles of the LEP student in a subject area classroom. It surveys the Office of Multicultural Student Language Education's 25 Performance Standards for Teachers of English for Speakers of Other Languages, and reviews some of the latest research written by experts in the field.

ESOL 3999 Prior Learning in Education (1-12 credits)
This course number and prefix indicates award of upper-level undergraduate prior learning credit. This course is repeatable.

ESOL 4565 Second Language Learning (3 credits)
ESOL 4565 is required of all undergraduate preservice teachers enrolled in the ESOL infused programs. It focuses on second language development, covering language learning theories, methods, and assessment strategies in the field. Current and classic language learning theories are analyzed and applied. The preservice teacher is expected to be able to locate and use research and resources in ESOL methods and assessment.

ESOL 4901 Methods of Teaching ESOL (3 credits)
This course will assist participants in identifying and selecting instructional strategies, approaches, and materials for the development of listening, speaking, reading and writing skills in ESOL classrooms. Knowledge of these elements will be demonstrated by development and presentation of lesson plans appropriately based on age, language proficiency, cultural background and learning styles. In addition to class meetings, a minimum of 10 hours observation and participation in a clinical setting is required.

ESOL 4902 ESOL Curriculum and Materials Development (3 credits)
Participants will learn how to design various models of appropriate ESOL curriculums to evaluate instructional materials, to select appropriate ESOL content according to levels of proficiency in the language arts, and to select and use effective instructional technologies/materials, including computers/VCR's audiocassettes, etc. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

ESOL 4904 Linguistics for ESOL Educators (3 credits)
This course deals with the basic systematic and subsystematic organization of language, including phonology, morphology, syntax, and possible linguistic interferences in these areas of LEP students from diverse backgrounds. Students will learn how to compare language acquisition of different age groups, to identify principles of contrastive and error analysis, and to identify exceptionalities, characteristic of LEP students with special needs. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

ESOL 4905 Testing and Evaluation in ESOL (3 credits)
Participants will learn to identify suitable ESOL assessment instruments and placement tests for ESOL students. Identification of available tests and construction of necessary ESOL test items in the cultural and language arts areas will be learned. The design and interpretation of appropriate testing - proficiency and achievement measures - as well as the interpretation of such assessment will be stressed. Traditional assessment procedures as well as authentic assessment will be incorporated into required activities. The bilingual/special education interface is also considered. A variety of necessary record keeping methods for different types of assessment will be discussed and used in assignments. In addition to class meetings, a minimum of 10 hours observation and participation in a clinical setting is required.

EXSC—Exercise Science

EXSC 1200 Prevention and Care of Athletic Injuries (3 credits)
This course is designed to introduce the student to prevention, recognition, and acute care management techniques for athletic related injuries. Time will be spent addressing the art and science of appropriate taping and wrapping techniques for athletic injuries.

EXSC 3720 Biomechanics of Human Movement (3 credits)
The course provides an interdisciplinary approach to the mechanical considerations and application of anatomy to human movement and sport skills. Prerequisite: BIOL 3700

EXSC 3800 Exercise Prescription (3 credits)
This course is designed to assist the student with conducting and analyzing the results from relevant measurements and evaluation techniques used in the health and wellness setting. Special attention will be focused on the areas of cardiac rehabilitation and stress test interpretation. Prerequisite: ATTR 2400

EXSC 4100 Adapted Physical Education (3 credits)
This course allows students to study medical characteristics of common disabilities and methods for designing appropriate sport and exercise programs. Clinical experiences with athletes/physically active individuals with disabilities will be available during the semester. Prerequisites: ATTR 1400 and BIOL 3312 or equivalent.

EXSC 4200 Motor Learning/Development (3 credits)
This course provides students with the ability to analyze the emerging interrelationships among the motor, social, emotional, and cognitive forms of behavior and development. The course will discuss topics related to, but not limited to the developmental perspectives, physical growth, maturation and aging, perceptual motor development, physiological changes and exercise, sociocultural influences on motor development, theories, experimental studies and current issues in the acquisition, performance, and retention of motor skills. Prerequisite: PSYC 3400

EXSC 4300 Research Methods in Sport and Physical Education (3 credits)
This course offers a foundation for conducting research in the areas of exercise/physical activity and sport. Specific attention will be on structure and interpretation of the research structure and data analysis (qualitative and quantitative) for publication and presentation. Prerequisite: MATH 3020

EXSC 4400 Exercise and Sport Administration (3 credits)
This course offers an in-depth background of the standards, policies and practices of organization, supervision and administration for sport and exercise programs and facilities. Prerequisite: EXSC 3800

EXSC 4901 Practicum in Exercise Science (3 credits)
This course offers the student an opportunity to earn course credit for a practicum/internship in a sport and exercise program and/or facility. Prerequisite: EXSC 4300

FILM—Film Studies

FILM 1999 Prior Learning in Film (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in film. This course is repeatable up to 12 credits.

FILM 2000 Introduction to Film (3 credits)
This course focuses on understanding film as an art form through examining its history and stylistic elements. Emphasis will be on technological, aesthetic, and social elements of film; various genres and periods in film will be studied, along with the application of techniques and criticism and evaluation to film. Prerequisite: COMP 1500.

FILM 3040 Women and Film (3 credits)
This course focuses on the application of film to examine how gendered images construct and marginalize women in both mainstream and independent cinema. Prerequisite: one FILM course; and COMP 2000, 2010 or 2020.

FILM 3050 Literature and Film (3 credits)
This course focuses on the adaptation of literary texts into film texts. Emphasis will be on the process and consequences of literary adaptation into film and the similarities and differences between the reading and analysis of literary texts and film texts. Prerequisite: one FILM course; and COMP 2000, 2010, or 2020.

FILM 3060 Film Noir (3 credits)
This course focuses on film noir, a series of films from the 1940's and 1950's that share characteristics of complex narrative, expressionistic photography, alienated characters, and psychological themes. Emphasis will also be on the study of the way these films were influenced by social, political, and economic factors of the time. Prerequisite: one FILM course, and COMP 2000, COMP 2010, or COMP 2020.

FILM 3999 Prior Learning in Film (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in film. This course is repeatable up to 12 credits.

FILM 4000 History of Film (3 credits)
This course focuses on the history of film, from the silent era to the modern, digital era. Emphasis will be on the technological developments of film science, and the historical and social contexts that influenced the production of film over the last century. Prerequisites: one FILM course; and COMP 2000, COMP 2010, or COMP 2020.

FILM 4500 Major Directors (3 credits)
This course examines the life and work of a major film director from a variety of critical perspectives and using a variety of films. Directors that may be focused on include Alfred Hitchcock, Stanley Kubrick, Martin Scorsese, and Woody Allen. Prerequisites: one FILM course; and COMP 2000, COMP 2010, or COMP 2020.

FILM 4900 Special Topics in Film (3 credits)
Topics, which vary from year to year, may include a study of film in relation to a specific field (politics, philosophy, history), an exploration of a particular genre of film (comedy, western, musical, crime), or period (silent film). Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one FILM course; and COMP 2000, COMP 2010, or COMP 2020.

FILM 4990 Independent Study in Film (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One FILM course and COMP 2000, 2010 or 2020.

FIN—Finance

FIN 1000 Academy of Finance (3 credits)
A series of five courses given by the Broward County School Board to high school juniors and seniors.

FIN 1999 Prior Learning Credits Finance (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Finance. This course is repeatable up to 12 credits.

FIN 3010 Corporation Finance (3 credits)
Applies financial management to organizations. Topics include ratio analysis, leverage, cash budgeting, and capital structure. Prerequisite: ACT 2200, ECN 2020 and MATH 3020

FIN 3110 Financial Management (3 credits)
A continuation of Corporation Finance. Topics include present value analysis, rate of return, and other techniques used to evaluate investment alternatives. Prerequisite: FIN 3010.

FIN 3115 Financial Decision Making (3 credits)
This course is an advanced extension of Corporation Finance. The financial calculator is used extensively to develop concepts such as present value, the cost of capital, and capital structure. Cases are employed throughout for in-depth coverage of corporate finance concepts. Prerequisite: FIN 3010. Credit can not be obtained for both this course and FIN 3110.

FIN 3120 Principles of Investments (3 credits)
Investment management is emphasized including financial statements and portfolio management. Analyzes financial statements, discusses the use of rating services such as Moody's and Standard and Poor's, and compares growth and income investments. Prerequisite: FIN 3010.

FIN 3125 Investment Management (3 credits)
This course is an examination of investment with an emphasis on creating stock portfolios and selecting mutual funds. Theoretical concepts in portfolio analysis are supplemented with data gathering and computerized analysis of investment. Prerequisite: FIN 3010. Credit cannot be obtained for both this course and FIN 3120.

FIN 3130 Securities Analysis (3 credits)
Securities Analysis: Builds on the foundation of investment management developed in FIN 3120 by focusing on the management of funds of institutional investors, including insurance companies, pension funds, and foundations. Prerequisite: FIN 3120 or FIN 3125.

FIN 3150 Banking and Financial Institut (3 credits)
Studies the operation in commercial banks, savings and loan associations, and saving banks. Topics include loans, mortgages, bonds, investments, trusts, marketing, and auditing. Discusses the impact of federal and state regulations on financial institutions. Prerequisite: FIN 3010

FIN 3900 Finc Internship/Cooperative Ed (3 credits)
Work placement (10-20 hours per week) for a period of 16 weeks in the student's major area of study or area of career interest. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credits towards degree, and permission from Director. Position must be approved by Career Services before student may register for this course. Student can participate in an internship a maximum of two semesters.

FIN 3999 Prior Learning Credits Finance (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Finance. This course is repeatable up to 12 credits.

FIN 4120 Advanced Financial Management (3 credits)
This course explores the role of the financial manager in finding sources of corporate funds, valuation, and capital budgeting. This course also examines financial forecasting and short and long-term financing. Prerequisite: FIN 3115.

FIN 4130 Portfolio Theory (3 credits)
This course covers portfolio theory with an emphasis on capital asset pricing, arbitrage pricing, pricing of derivatives, interest rates, and bond management. Internet exercises will be used extensively. Prerequisite: FIN 3130.

FIN 4550 Int'l Finance & Banking (3 credits)
Topics include international monetary systems, foreign exchange markets, exchange rates, international financial institutions, and capital markets. Prerequisite: ECN 2025.

FIN 4910 Advanced Special Topics (3 credits)
Examines topics in finance that are not included in regular course offerings. Specific contents and prerequisites are announced in the course schedule for a given term. Students may reenroll for special topics covering different content.

FIN 4920 Advanced Special Topics (3 credits)
Examines topics in finance that are not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content.

FREN—French

FREN 1210 Elementary French I (3 credits)
Introduction to the essentials of French language with emphasis on grammar, vocabulary, writing, and oral skills. Introduction to the cultural practices of the Francophone world. Not open to native speakers.

FREN 1220 Elementary French II (3 credits)
Continuation of the essentials of French language with emphasis on grammar, vocabulary, writing, and oral skills. Continuation of study of the cultural practices of the Francophone world. Not open to native speakers. Prerequisites: FREN 1210 or permission of instructor.

FREN 1999 Prior Learning in French (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in French. This course is repeatable up to 12 credits.

FREN 3999 Prior Learning in French (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in French. This course is repeatable up to 12 credits.

GEOG—Geography

GEOG 1999 Prior Learning Credit in Geography (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in geography. This course is repeatable up to 12 credits. Prerequisite: approval of director.

GEOG 2050 Survey of Geography (3 credits)
Study of geographic characteristics, area relationships, and major regional problems, and their impact on the Western world. Study of physical, human, economic, and political resources.

GEOG 2075 Geographical Information Systems (3 credits)
Geographical Information Systems is an introductory survey course that gives the student a comprehensive introduction to the basic design principles of data-based management systems for the capture, analysis, and display of spatial data.

GEOG 2260 Geography of Natural Resources (3 credits)
Study of natural resources within the framework of the man-environment system. Included are problems related to pollution, populations, technology, growth, conservation of the environment, and developmental planning as they relate to the various geographic areas of the Western world and the non-Western world.

GEOG 2900 Special Topics in Geography (1-3 credits)
Topics in geography that are not included in regular course offerings and may be taken without prerequisites. Specific content is announced in the course schedule for a given term. Students may reenroll for special topics covering different content.

GEOG 3000 Geography of Ecotourism (3 credits)
Geography of Ecotourism examines physical and cultural attributes of countries and regions in the context of tourism. A general emphasis provides a broad overview of tourism around the world, but the majority of the instruction deals with the examination of ecotourism from a thematic viewpoint so that practitioners can learn to identify geographic locations with specific attractions and apply concepts so as to construct activities in any country.

GEOG 3010 Amazonia Cloud Forest Biogeography (3 credits)
This is a course for students traveling to Ecuador as part of a program to document the land, people, and cultures of this Latin America nation. Students will have the opportunity to explore Ecuador using a variety of themes: cultural, geographical, natural, and sustainable. Prerequisite: BIOL 1040 or ENVS 1100.

GEOG 3999 Prior Learning Credit in Geography (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in geography. This course is repeatable up to 12 credits. Prerequisite: approval of director.

GEOG 4900 Advanced Special Topics in Geography (1-3 credits)

Advanced topics in geography that are not included in regular course offerings. Specific content and prerequisites are announced in the course schedule for a given term. Students may reenroll for special topics covering different content.

GEOG 4950 Internship in Geography (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

GEST—Gender Studies

GEST 1999 Prior Learning in Gender Studies (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in gender studies. This course is repeatable up to 12 credits.

GEST 2050 Introduction to Gender Studies (3 credits)
This course introduces students to the interdisciplinary field of gender studies. It is designed to help students develop a critical framework for thinking about questions relating to gender and the ways that gender is constructed and institutionalized. Attention is paid to ongoing debates concerning public and private, the politics of embodiment and sexuality, equality and difference, the intersection of gender with other axes of subordination, identity politics and essentialism. Prerequisite: COMP 1500.

GEST 3999 Prior Learning in Gender Studies (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in gender studies. This course is repeatable up to 12 credits.

GEST 4900 Special Topics in Gender Studies (3 credits)
This course serves as a capstone to gender studies and provides the opportunity for treatment of special topics and/or internships combined with independent research projects. Prerequisites: GEST 2050; and COMP 2000, COMP 2010, or COMP 2020.

GEST 4990 Independent Study in Gender Studies (3 credits)
The student selects, and carries out independently, library and /or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: GEST 2050; and COMP 2000, COMP 2010 or COMP 2020.

HIST—History

HIST 1030 American History to 1865 (3 credits)
American history from its colonial origins through the Civil War. Special emphasis is given to analyzing and evaluating the major forces and ideas that have shaped American political, social, and economic life.

HIST 1030H American History to 1865 Honors (3 credits)
American history from its colonial origins through the Civil War. Special emphasis is given to analyzing and evaluating the major forces and ideas that have shaped American political, social, and economic life. Prerequisite: Honors students only.

HIST 1040 American History Since 1865 (3 credits)
American history from Reconstruction to the present. Special emphasis is given to analyzing and evaluating the major forces and ideas that have shaped American political, social, and economic life.

HIST 1040H American History Since 1865 Honors (3 credits)
American history from Reconstruction to the present. Special emphasis is given to analyzing and evaluating the major forces and ideas that have shaped American political, social, and economic life. Prerequisite: Honors students only.

HIST 1090 Early Western History (3 credits)
A historical study of the major political, social, economic, philosophical, and religious movements shaping Western society in the period preceding the Renaissance.

HIST 1110 Modern Western History (3 credits)
A historical examination of modern western society since the Middle Ages, emphasizing political, social, and economic movements, and the religious and philosophical ideas that have shaped its development.

HIST 1150 Early World History (3 credits)
A study of the development of world civilizations, examining the interrelationships of the various regions of the world from Prehistoric times through 1500, including the rise of world communities, cultures, religions, and empires, tracing the development of trade, economics, political forms, the creation of the nation-state, and on the development of technology and the use of war of resolve cultural/religious/national conflicts.

HIST 1160 Modern World History (3 credits)
A study of the interrelationships of world civilizations of the various regions of the world in the post-Renaissance era, examining the major world communities, cultures, and religions, tracing the modernization of economics and political systems, and the relations between modern nation-states. The course will also examine the collapse of colonialism, the beginning and end of the Cold War, the use of technology and warfare to resolve cultural/religious/national conflicts, and the role played by the United States in world affairs in the modern era.

HIST 1999 Prior Learning in History (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in history. This course is repeatable up to 12 credits.

HIST 2010 History of Florida (3 credits)
An examination of the history of Florida from the time of its

first recorded human inhabitants, through exploration and settlement by Europeans, the colonial history of Spanish and British Florida, United States territorial status and statehood, secession and Civil War, Reconstruction and reform, economic boom and bust, growth and diversification, the growth of tourism, the effect of the Depression and World War II on Florida, its role in the Civil Rights movement, and immigration's impact on Florida to the present day. Prerequisite: COMP 1500.

HIST 2130 Formation of Latin America (3 credits)
An interdisciplinary study of ancient American and Latin American systems and societies. The course examines ways in which essential elements of indigenous cultures have had an impact on the development of Latin American political, social, and economic institutions; the impact of Iberian history and socioeconomic systems on the discovery, colonization, and development of American nations; the legacy of Spanish and Portuguese colonialism to emerging Latin American states; and the major goals and consequences of 19th century neocolonialism. Prerequisite: COMP 1500.

HIST 2140 Modern Latin America (3 credits)
Using Latin America and the Caribbean as a focal point, the course provides an interdisciplinary overview of contemporary American systems and societies and their place in a rapidly changing, increasingly interdependent world. Topics discussed will include the causes and goals of revolution in Latin America, Latin American debt and development, U.S.-Latin American relations, and a new hemispheric order for the 21st century. Prerequisite: COMP 1500.

HIST 2200 Asian History (3 credits)
This course traces the history of Asia from the age of Asian empires through European contact and colonialism and into the age of the modern nation-state, examining the growth of Confucian and Buddhist culture in China and Japan, the rise of Communism and militarism, and the interaction of these nations with the rest of Asia. Prerequisite: COMP 1500.

HIST 2300 Caribbean History (3 credits)
This course traces the history of the Caribbean from the fifteenth century to the present, examining such issues as indigenous peoples and the early years of European settlement and colonization, the construction of African slavery, the changing place of the Caribbean in the world economy, various aspects of slave society, and the abolition of slavery. Revolution and struggles for independence will be emphasized, as will be U.S. imperialism, migration, and the rise of intellectual, artistic and literary movements in Caribbean island nations. Prerequisite: COMP 1500.

HIST 2400 African History (3 credits)
This class will focus on Africa as a vast continent that is characterized by enormous ethnic, religious, geographic, and historical diversity. Emphasis will be on the transatlantic slave trade and its impact on Africa and Africa's relations with the outside world. European colonization of Africa and the extent to which it shaped the modern history of the continent; and the history of South Africa and the rise and fall of the Apartheid Regime. Prerequisite: COMP 1500.

HIST 3010 Constitutional History I (3 credits)
A study of the origin and development of the American constitutional system from the colonial period to 1870. The course will examine seminal decisions of the United States Supreme Court during this period in their political, social, and economic context. Prerequisites: one HIST course; and COMP 2000, COMP 2010, or COMP 2020.

HIST 3020 Constitutional History II (3 credits)
Continuation of the study of the constitutional system of the United States. The course covers the period 1870 to the present with special emphasis on Supreme Court decisions in the areas of federal-state relations, individual liberties, and civil rights. Prerequisite: HIST 3010.

HIST 3130 Vietnam (3 credits)
This course takes an interdisciplinary approach to examine the origins and causes of the Vietnam War, explore the ways it was fought, and evaluate its impact on American society, politics, and life. Specific focus will be on the way that the Vietnam conflict inspired feelings of strife and anger, confusion and frustration to an entire generation of Americans as America's first "lost" war. Prerequisites: one HIST course; and COMP 2000, COMP 2010, or COMP 2020.

HIST 3140 The Holocaust (3 credits)
A study of the history of the Holocaust. This course will look at the causes, reasons, results, and implications of the Holocaust from both a European and American perspective. Prerequisites: one HIST course; and COMP 2000, COMP 2010, or COMP 2020.

HIST 3230 The Great Depression (3 credits)
This course will examine the origins and causes of the Great Depression, exploring its impact on American society and life and evaluating its effects on the politics of reform that grew up in response to this crisis. Specific topics, such as this era's impact on confidence about the future, the New Deal, the welfare state and modern liberal politics, and how events of the era have helped form contemporary American society, will be covered. Prerequisite: one HIST course; and COMP 2000, 2010, or 2020.

HIST 3240 Irish History (3 credits)
This course will study Irish history from the Neolithic era to the 21st century, focusing on the colonial relation between Britain and Ireland, including the 17th-century Plantation, the Cromwellian and Williamite wars, the United Irishmen and the 1798 Rising, the Act of Union, the Great Hunger (Famine) and emigration to America, and the formation of the Irish Republic and the Northern Irish state in 1922. Prerequisites: one HIST course; and COMP 2000, COMP 2010, or COMP 2020.

HIST 3300 Contemporary U.S. History (3 credits)
This course follows a thematic approach to the history of the United States since 1945. The course will involve some

general background on many of the major political, cultural, and social themes of this period, such as the civil rights movement, the politics of the welfare state, Watergate, the culture wars of the 1980s, etc. Four specific social and cultural issues will be emphasized: the impact of the Cold War on modern American culture; the social and cultural implications of the post-war growth of the middle class and suburbia; the counterculture of the 1960s and its impact on contemporary society; and the influence of the "moral majority" and the religious right on contemporary politics. Prerequisite: one HIST course and COMP 2000 or COMP 2020.

HIST 3400 U.S. Foreign Relations (3 credits)
This course will examine the emergence of the United States as the dominant political, economic, and military power on the world stage in the twentieth century. Students will attempt to identify reasons for this development and endeavor to come to a fuller understanding of the nature and scope of America's global commitments. The course will trace the development of American foreign relations from the Spanish-America War of 1898 through the Cold War, concluding with an examination of the evolution of American foreign policy in the post-Cold War and the ramifications of recent developments at home and abroad. Prerequisite: one HIST course and COMP 2000, 2010, or 2020.

HIST 3450 History of American Immigration (3 credits)
History of American Immigration: This course will examine the history of American immigration. The course will study the motivation for those coming to America, immigration demographics, the impact of immigration on American society, American reaction to immigration in public opinion, and the political, social, and legal response to immigration. Prerequisite: one HIST course; COMP 2000, 2010, or 2020.

HIST 3999 Prior Learning in History (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in history. This course is repeatable up to 12 credits.

HIST 4500 Historiography (3 credits)
The study of how historians contend with the past. This course focuses on how history is researched and written, noting the different avenues used to view history, how bias affects the writing of history, and the assessment of what history is. Prerequisites: one 3000-level HIST course; and COMP 2000, COMP 2010, or COMP 2020.

HIST 4900 Special Topics in History (3 credits)
Advanced studies in selected topics in history, such as interpretations of Revolution, the role of technology in society, or environmental history. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one HIST course; COMP 2000, COMP 2010, or COMP 2020.

HIST 4950 Internship in History (1-12 credits)
A 10-20 hour per week field or work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisite: cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and permission of division director.

HIST 4990 Independent Study in History (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: one HIST course; and COMP 2000, COMP 2010, or COMP 2020.

HONR—Honors

HONR 1000B Honors Seminar: Discovery and Discipline (3 credits)
This Honors Seminar provides an exploration of two critical themes that frame science, learning, and culture: discovery and discipline. What makes a fact a fact? Are there differences between invention and discovery? What level of proof, or agreement, is necessary for a discovery to be certified as real? Who makes these decisions? Is discovery the result of luck (being in the right place at the right time), creativity (imagination and curiosity), hard work (planning, preparation, and discipline), or a mix of all three? Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 1000C Honors Seminar: Myth and Fairy Tale in Modern Culture (3 credits)
This course will focus on the influence of mythology and fairy tale on the cultural and psychological fabric of modern life. As students read various myths, fairy tales, and literature, as well as study images of myth and tale in advertising and film, they will attempt to make connections between underlying recurrent themes that find their roots in the earliest stories of humanity. The reading and analysis of texts and images will be complemented by the development of individual writing skills, emphasizing critical thinking and the clear, sophisticated, and creative expression of ideas. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 1000D Honors Seminar: Future History (3 credits)
This course is an extrapolation of the future based on assumptions about, and concerns with, the present. Taking both a utopian and a dystopian form, these explorations of historic imagination say as much about where we think we are today as where we think we are heading in the future. It will further explore the various forces that shape historic change and seek to place ourselves and our personal world within this process. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 1000E Honors Seminar: Global Jewish Literature (3 credits)
Students will identify, reflect upon, and write about the particularities of different regions of the globe to demonstrate their awareness and understanding of the

ways in which written rhetorical strategies translate into both the separation and/or the blending of a people in search of the traditional Jewish community. Geographically-specific, representative literature of the Jewish people--area studies of Jewish literature--reveal similarities and dissimilarities with regard to representations of Jewish history, culture, religion, and society. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 1000F Honors Seminar: Gangs in America (3 credits)
This course will cover issues dealing with gang theory, including concepts of street gangs, graffiti, violence, and gang structure and organization. Students will explore the reasons why gangs exist, how they are formed and the exact core of their existence. Further, students will examine the impact of gang crime and victimization on society. Additionally, students will be exposed to gang enforcement and prevention officers and specialists currently working with gang prevention, intervention, and enforcement within the South Florida area. Finally, the course will help the students to develop a model approach to dealing with the gang problem as it exists today in America. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 1000G Honors Seminar: The Problem of Consciousness (3 credits)
What is consciousness? How does the brain do its work and produce its dazzling, if taken-for-granted, capabilities? If we all share similar capacities, how does each brain manage to make itself unique? Although these similar questions have been asked for hundreds, if not thousands, of years, the past decade has provided more tools for answering them than at any other time in human history. Data from many fields of inquiry have begun to converge. Students who take this course will be exposed to these exciting new findings and will also explore resulting controversies. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only

HONR 1000H Honors Seminar: City in Film and Literature (3 credits)
This course focuses on depictions of urban life in film and literature. Some themes that will be explored in the course are the representation of the city as both living organism and as killing machine; the "geometry" of the city as alternately labyrinthine and boxlike, having both confusing and suffocating effects; isolation, dehumanization and the struggle for identity; conflicts between nature and city; immigration, assimilation, and cultural identity. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 1000J Honors Seminar: Culture Wars (3 credits)
An examination of the "hot button" topics that divide the American people, this seminar will delve into the issues and perspectives which shape American culture. It will ask not only what these issues are but why they divide us. Among the topics to be examined are abortion, free speech, evolution, gay rights, and affirmative action. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 1000K Honors Seminar: Examining the Criminal Mind (3 credits)
Through lecture, discussion, videotaped cases, and class presentations, this course will present an overview of the criminal mind. This course will include discussion of some of the developmental, biological, neurological, behavioral, cognitive, and social forces shown to influence criminal thinking and behavior. The course will also include discussion of the characteristics of several specific criminal subpopulations, including psychopaths, sexual predators, serial killers, and mentally disordered criminal offenders. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 1000L Honors Seminar: Cultural Mosaic: Fact and Fiction (3 credits)
This honors seminar will explore cultural concepts, values, and social behaviors in America. It will examine the impact of the acculturation process on variables such as parental ethnotheories, emotional expressions, and conception of mental illness. The notion of prejudice and racism will be addressed as well as the impact of various government policies impacting or refuting the notion of a cultural mosaic. Students will be exposed to nonwestern approaches to research through qualitative and nontraditional data collection. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 1000M Honors Seminar: Wicked Wit: Satire in Literature, Film, and Television (3 credits)
This course focuses on the methods, intentions, and impact of satire, from its origins in classical literature through its "Golden Age" in the eighteenth century and its enduring, acerbic presence in 20th- and 21st-century literature, film, television, and on the Web. Students will explore the ways that satire challenges routinely accepted ideas and practices, and targets injustice, selfishness, and hypocrisy in people and in their social institutions. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 1000N Honors Seminar: Genetics and Genealogy (3 credits)
Through lecture, discussion, review of primary literature, case studies, videotapes and class presentations, this course will investigate the relationships among the studies of genetics, human evolution and genealogy. Students will be expected to extract their own DNA and analyze it for various molecular markers as well as create their family history tree and narrative which they will present in class. Satisfies general education requirements in Humanities. Prerequisite: Honors Students only.

HONR 1000P The Human Mind (3 credits)
An introduction to some of the main theoretical and research perspectives in the field of cognitive psychology. Topics include: perception, memory, conscious and unconscious process, forms of intelligence, language, emotions, and self. Satisfies general education

requirements in Social & Behavioral Sciences. Perquisite: Honors students only.

HONR 1000Q Hormones and Behavior (3 credits)
Students in Hormones and Behavior will develop and understanding of many topics related to behavioral neuroendocricology. This course will review the interrelationships among hormones, brain and behavior. One of the main topics covered in this class will be the effect of stress hormones on physiology and behavior. In addition to steroid hormones, the effects of other major classes of hormones on behavior including peptide and protein hormones as well as the monoaminergic hormones will be discussed. Satisfies general education requirements in Social & Behavioral Sciences. Perquisite: Honors students only.

HONR 1000R Honors Seminar: Who's the Man? (3 credits)
This course explores how the dominant sources of power have worked to maintain their power in the United States by exploiting peoples of low economic status, minorities, and women. The effect of this subjugation has been both explicit (e.g. laws put into place that openly discriminate) and implicit (e.g. via the use of psychologically damaging language). The purpose of this course is to understand (a) how the historical practices of those in power have influenced the cultural, social and political environment that exists today, (b) how this environment has shaped both the psychology of Americans and the field of psychology in America, and (c) how power can be reasserted by the repressed. This course is based on a seminar format which will include a great deal of student involvement involving work in groups and class discussion. This course satisfies general education requirements in Social and Behavioral Sciences. Prerequisite: Honors students only.

HONR 1000S Honors Seminar: The Nature of Truth (3 credits)
This seminar will examine the nature of the concept of truth as it appears in the human culture and civilization. Special attention will be paid to truth as disposition or virtue of character and the notion of truth as it has appeared in various religious contexts, as well as the impact these notions have had on philosophy, history, psychology, literature and the arts, and science. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 1000T Honors Seminar: Science in the News (3 credits)
This general education honors seminar is designed to give students the ability to see or hear news stories about the latest scientific discoveries and current events in science and assess the importance of these issues in our daily lives. Scientific topics may include but are not limited to: medicine, natural sciences, meteorology, climatology, and physics. Prerequisite: Honors students only.

HONR 1500 Honors Reading Seminar (1-12 credits)
The Honors Reading Seminar is designed to provide focused study on one selected text. Under faculty leadership, honors students will read and discuss the text in small groups. Students will take a leadership role to prepare discussions. Texts will be selected on a semester to semester basis and may reflect the annual theme. This course is an elective and does not satisfy requirements for general education. This seminar is open to honors students only.

HONR 1500B Honors Reading Seminar: Oliver Sacks (1 credits)
The Honors Reading Seminar is designed to provide focused study on one selected text. Under faculty leadership, honors students will read and discuss the text in small groups. Students will take a leadership role to prepare discussions. Texts will be selected on a semester to semester basis and may reflect the annual theme. This course is an elective and does not satisfy requirements for general education. This seminar is open to honors students only. Pass/Fail only.

HONR 1500C Honors Reading Seminar: S. Nazario (1 credits)
This seminar is designed to provide focused study on one selected text. Under faculty leadership, honors students will read and discuss the text in small groups. Students will take a leadership role to prepare discussions. Texts will be selected on a semester basis and may reflect the annual theme. This course is an elective and does not satisfy requirements for general education. This seminar is open to honors students only. Pass/Fail only.

HONR 1500D Honors Reading Seminar (1 credits)
This seminar is designed to provide focused study on one selected text. Under faculty leadership, honors students will read and discuss the text in small groups. Students will take a leadership role to prepare discussions. Texts will be selected on a semester basis and may reflect the annual theme. This course is an elective and does not satisfy requirements for general education. This seminar is open to honors students only. Pass/Fail only.

HONR 1500E Honors Reading Seminar: Philip K. Dick (1 credits)
The honors reading seminar is designed to provide focused study on one selected text. Under faculty leadership, honors students will read and discuss the text in small groups. Students will take a leadership role to prepare discussions. Texts will be selected on a semester by semester basis and may relate to the annual theme. This course is an elective and does not satisfy requirements for general education. This seminar is open to honors students only. Pass/Fail only.

HONR 2000A Honors Seminar: Quarks to Quasars (3 credits)
This honors course is an algebra-based survey of developments in physics since the turn of the 20th century. The conceptual basis and historical development of the ideas will be emphasized. Topics include relativity, quantum mechanics, elementary particle physics, gravitation and cosmology, black holes, superstring theory, M-theory, and higher-dimensional Kaluza-Klein theories. Satisfies general education requirements in Math, Science,

and Technology. Prerequisite: MATH 1030 or higher. Honors students only.

HONR 2000B Honors Seminar: Genes and Schemes (3 credits)
This course will examine the science of modern genetics and how this science has inserted itself into the disclosure of contemporary culture. It will discuss the concept of the gene and will explore the way the "disclosure of the gene" has impacted our understanding of ourselves as human beings, as well as public policy issues in criminal justice, ethics, education, and health care. Special consideration will be given to the use and misuse of genetic "explanations" of human behavior, the Eugenics movement, and the nature vs. nurture dispute. This will be a team-taught course by faculty in biology, philosophy, psychology, and sociology. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 2000C Honors Seminar: History of Economic Development (3 credits)
This course will examine the history and evolution of economics as a basic human institution with emphasis on distinctions between growth and development. The challenge of sustainable development will be analyzed within the broader historical context of human rights, environmental consequences, and ideological goals and outcomes. Students will design and discuss alternative economic models for the future that emphasize sustainability. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 2000D Honors Seminar: The Ever-Changing Family (3 credits)
This course will focus on how the concept of the family has changed over the last 80-100 years. Students will examine how the media has been one avenue that has conceptualized the family along with the impact this has on peoples' roles in families. Through the use of books, film, and television, stereotypes and myths of family functioning, along with debates about what a family "is" or "should be", will be discussed. Multicultural and non-traditional families will be explored. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 2000E Honors Seminar: Utopias and Dystopias (3 credits)
This course focuses on the dual concepts of utopias and dystopias--ideal visions of society and nightmarish visions of society. Various manifestations of utopias and dystopias in literature, philosophy, film, and mythology will be focused on as students explore the desire of humans to conceive of an ideal society, as well as the advantages and dangers of such conceptions. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 2000F Honors Seminar: Philosophy and Politics in Film (3 credits)
This course provides an introduction to thinking critically about philosophical and political issues by understanding how they can be manifest in popular film. Students will develop greater awareness of how to view film as a vehicle for ideological content. Topics could include, but not be limited to human rights, epistemology, personal identity (including the role of memory), temporality, the philosophy of religion, democratic ideals/plutocratic reality, workers unions, capitalism and gangsterism, the allure of fascism, environmental despoliation, etc. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 2000G Honors Seminar: Distinguished Fellowships (3 credits)
This course will preview a range of distinguished fellowships--Rhodes, Marshall, Truman, Goldwater, Fulbright, and others. Students will be encouraged to target appropriate scholarships and fellowships, learn about the programs, criteria, and conditions of awards. Students will be provided tools and skills which support application and consideration for these awards. These same skills are relevant for pursuit of graduate school and professional career opportunities. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 2000H Honors Seminar: Famous American Trials (3 credits)
This course will examine famous trials in American history that reflect major social changes, cultural conflicts and political struggles from the late 19th century through the 20th century. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 2000J Honors Seminar: Chick Lit, Chick Flicks (3 credits)
This course will examine popular film and literature targeting women. Both contemporary "chick lit" and "chick flicks" feature single, urban women in their late 20s and early 30s navigating the minefields of professional life and romantic relationships. This course will trace the development of woman's fiction from Jane Austen's era and film from the "woman's film" of the 1940s. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 2000K Honors Seminar: Inappropriate Relationships (3 credits)
This course will focus on various types of relationships that have been deemed "inappropriate". A social science perspective will be used to examine the societal context in which these relationships develop, are maintained, and terminate. The course will also focus on the impact that these relationships have on society and society's impact on the individuals in the relationship. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 2000L Honrs Seminar: Ideologies of the Twentieth Century (3 credits)
This course will examine the competing great ideologies of the twentieth century--Communism, Fascism, Liberalism and Socialism. After an examination of Liberalism and the ideas of the Enlightenment, students will discuss why Communists, Fascists and Socialists rejected classical

Liberalism, with its emphasis upon limited government, the rights of the individual, and free market economics. Students will then consider the characteristics of the societies that anti-liberal thinkers created. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 2000M Honors Seminar: The U.S. at War (3 credits)
This course offers an examination of the social, cultural and political implications of the many wars fought in the history of the United States from the Revolutionary War to the War on Terror. Students will be asked to explore the extent to which warfare has influenced the course of American history and has contributed to the shaping of American culture. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 2000N Honors Seminar: The "F" Word: Feminism and Culture (3 credits)
This course will examine the role of 1st, 2nd, and 3rd wave feminisms in women's cultural history. By exploring the social and political contexts of the struggle for equal rights for women, students will learn to separate the myths (images of feminism) from the reality (contributions of feminism) in the lived experience of women. Although it will focus primarily on American feminist history, the course will consider its European roots. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HONR 2000P Honors Seminar: America at the Dawn of the Atomic Age (3 credits)
Drawing from the resources of social history, this course presents at once both a detailed technological history of the creation of atomic weapons, focusing on the science which led to their discovery, as well as an examination of the social and political forces which contributed to their use. Satisfies general education requirements in Social & Behavioral Sciences. Prerequisite: Honors students only.

HONR 2000Q Interpersonal Perception (3 credits)
This course examines the psychological processes involved in our perception of other's behavior, personality, and affective states. The goal of the course is to provide students with a broad survey of the factors that influence the way in which we perceive people, and to give students experience with the methods with which experimental psychology investigates these issues. Readings are from such diverse fields an nonverbal communication, social cognition, empathy, gender studies, cognitive development, and personality psychology. Satisfies general education requirements in Social & Behavioral Sciences. Perquisite: Honors students only.

HONR 2000R Honors Seminar: The Misbehaving Brain (3 credits)
Students will develop an understanding of the neural correlates and behavioral impairments seen in different neuropsychiatric and neurological disorders. The aim of this course is to provide an overview of abnormal brain functioning in the context of specific neurological diseases and disorders, such as schizophrenia and stroke. This course satisfies general education requirements in Social and Behavioral Sciences. Honors students only.

HONR 2000S Honors Seminar: Motorcycle Myth and Culture (3 credits)
As a modern object, the motorbike's cultural significance is tied up with complex issues of history, technology, engineering, consumerism, psychology, design, aesthetics, gender and sexuality. As such, this course will consider the motorbike as a purpose-driven design object, a nexus of social and cultural relations, an instrument of individuation and community, a pop culture icon, and an aesthetic object in its own right. Satisfies general education requirement in humanities. Prerequisite: Honors students only.

HONR 2000T Honors Seminar: Captive Women (3 credits)
This course will examine narratives of female captivity and confinement in literature and film. It will explore how women's lives and deaths are constructed in relation to their confinement and will engage the narrative strategies employed by writers and filmmakers. The course will also consider the ways in which gender, race and sexuality impact stories of female confinement and affect opportunities for escape. Satisfies general education requirements in Humanities. Prerequisite: Honors students only.

HRM—Human Resource Mgmt

HRM 1999 Prior Learning Credits HRM (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Human Resource Management. This course is repeatable up to 12 credits.

HRM 3100 Managing Conflict & Change (3 credits)
Examines the impact of conflict, stress and change on the workplace and the quality of work life. Topics include the myriad of stressors and their effect as well as the selection of appropriate interventions and responses.

HRM 3999 Prior Learning Credits HRM (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Human Resource Management. This course is repeatable up to 12 credits.

HRM 4160 Human Resource Management (3 credits)
Surveys personnel policies, techniques, and methods. Topics include wage and salary management, personnel selection and placement, labor relations, and employee rights.

HRM 4200 Organization Dev. & Change (3 credits)
Applies behavioral science knowledge and practices to help organizations improve the quality of work life and experience strategies for achieving change. Prerequisite: HRM 4160.

HRM 4250 Strategic Hr Management (3 credits)
A capstone course covering the HRM function in organizations with specific emphasis on training, development, and career paths of employees; stress management; and labor relations and negotiations. Prerequisite: HRM 4160.

HRM 4300 Managing Workplace Diversity (3 credits)
Prepares students to manage in the diverse work place. Emphasis is on practical, experiential classroom activities designed to help students understand the range of cultural behaviors and expectations found in the work place.

HRM 4450 Labor Relations & Negot (3 credits)
Examines labor relations in terms of collective bargaining, contract negotiation, contract administration, mediation and arbitration. Includes an in-depth examination of labor legislation. Prerequisite: HRM 4160.

HRM 4650 International HR Management (3 credits)
This course will focus on the key international issues and topics with regards to managing people in an era of unprecedented levels of foreign competition. Finding and nurturing the right talent required to implement an international or global strategy is of critical importance. Globalization of business is forcing managers to understand complex issues in an ever-changing world. Prerequisite: HRM 4160.

HRM 4700 Seminar in Current HRM Issues (3 credits)
This course will attempt to provide a familiarity with the instruments and procedures necessary to provide adequate personnel decisions in an organizational setting. Emphasis will be placed on criterion related issues such as job analysis, performance appraisal and selection issues which include: recruitment, test selection, and test validation. The goal is to expose the student to the practical mechanics of personnel psychology, and is not intended to provide a complete theoretical foundation. Prerequisite: HRM 4160.

HRM 4850 Readings in HRM (3 credits)
This course addresses aspects of the current literature in HRM. Using 1). a Text and 2). Articles provided in class, students will read what a wide variety of authors have provided in terms of perspective and actual organizational practices. Students will analyze the writings and share their interpretations. As appropriate, students will engage in comparing best practices. Prerequisite: HRM 4160.

HUMN—Humanities

HUMN 1000A Aristotle's Nicomachean Ethics (1 credits)
This one-credit seminar course will introduce students to one of the most widely read and influential works of moral philosophy in the western tradition, Aristotle's Nicomachean Ethics. No previous preparation is presupposed. Pass/Fail Only.

HUMN 1000B Dante's Inferno (1 credits)
The one-credit seminar course will examine the Inferno, the first and perhaps most well-known section of Dante Alighieri's Divine Comedy. Themes of study will include Dante's religious theories and cosmological philosophy, the motivations, religious and cultural, behind Dante's conceptions of sin and punishment, and the influence that Dante's ideas have had on subsequent writers, thinkers, and the general public. No previous preparation is presupposed. Pass/Fail only.

HUMN 1000C Eliot's Middlemarch (1 credits)
This one-credit seminar course will introduce students to the social and cultural milieu of the Victorian period, through one of the most widely read and influential novels in English literature, George Eliot's Middlemarch. No previous preparation is presupposed. Pass/Fail only.

HUMN 1000D Austen's Emma (1 credits)
This one-credit seminar course will introduce students to the late eighteenth century author, Jane Austen, and one of the most widely read and influential novels in English literature, Emma. No previous preparation is presupposed. Pass/fail only.

HUMN 1000E Jefferson's Declaration (1 credits)
This course will provide an in-depth analysis of the Declaration of Independence. It will explore the historical context within which the document was composed and will examine the philosophical assumptions contained within the document. It will also briefly explore the relationship of this document to the Constitution and some of the political implications of both. No previous preparation is presupposed. Pass/fail only.

HUMN 1000F Cervantes' Don Quixote (1 credits)
The novel, Don Quixote, by Cervantes, is probably one of the world's most influential and recognized books ever written. The exchanges between the novel's two main characters, Don Quixote and Sancho Panza, will engage students in a story that, while entertaining, makes very profound statements about medieval society, politics, and values. From a critical perspective, the novel occupies a seminal position in the development of modern writing. Through his novel Cervantes reveals the fascination with narrative processes and techniques that have made him an inspiration for many writers of our time. No previous preparation is presupposed. Pass/Fail only.

HUMN 1000G Shelley's Frankenstein (1 credits)
This one-credit seminar course will examine Mary Shelley's Frankenstein, one of the most seminal works of world literature. Themes of study will include the influence of Shelley's parentage and marriage on her work, scientific theories of the 19th century that influenced the novel, issues of human heroism and frailty, and the ethical concerns that transcended Shelly's own time period. Consideration will also be given to the various ways that the Frankenstein story has manifested itself in popular culture up through the modern era. No previous preparation is presupposed. Pass/fail only.

HUMN 1000I Hume's Enquiry (1 credits)
This one-credit seminar course involves a close reading of a seminal work in early modern philosophy, David Hume's

An Enquiry Concerning Human Understanding. No previous preparation is presupposed. Pass/fail only.

HUMN 1000J Descartes' Meditations (1 credits)
This one-credit seminar course involves a close reading of a seminal work in early modern philosophy, Descartes' Meditations on First Philosophy. No previous preparation is presupposed. Pass/fail only.

HUMN 1000K Woolf's Mrs. Dalloway (1 credits)
This course examines Virginia Woolf's classic novel, Mrs. Dalloway, in light of The Hours, the film adaptation based on Michael Cunnigham's re-working of the Dalloway novel. The course will explore Woolf's pioneering use of stream of consciousness/interior monologue, as well as the feminist and existential themes at the heart of Woolf's artistic vision. Comparing it to The Hours encourages students to recognize the enduring values of a classic work within a contemporary frame. No previous preparation is presupposed. Pass/fail only.

HUMN 1000L Franklin's Autobiography (1 credits)
This course examines Benjamin Franklin's Autobiography, a seminal text in the emergence of the American nation and an American identity. Themes of study will include the political, historical, and cultural context of the Early American/Revolutionary period. This will include topics such as Republicanism, the Enlightenment, the Republic of Letters and Science, and 18th Century definitions of community. No previous preparation is presupposed. Pass/fail only.

HUMN 1000M Nietzsche's Beyond Good and Evil (1 credits)
This one-credit seminar course will introduce students to one of the most widely read and influential works of philosophy in the western tradition, Nietzsche's Beyond Good and Evil. No previous preparation is presupposed. Pass/Fail only.

HUMN 1999 Prior Learning in the Humanities (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in humanities. This course is repeatable up to 12 credits.

HUMN 2200 Introduction to Medical Humanities (3 credits)
This course provides students with an opportunity to explore the relationship between medicine, medical practice, and two or more disciplines within the humanities: the arts, philosophy, history, literature, and cultural studies. Students will assume an active role in discussions, presentations, and other aspects of the course. Prerequisite: COMP 1500.

HUMN 2300 Introduction to World Mythology (3 credits)
This course provides a broad overview of myths from various geographic areas and historical periods, including Egyptian, Mesopotamian, Greek, Roman, Celtic, Germanic, Asian, North and South American, African and Australian traditions. The course emphasizes the importance of myth in world cultures. Prerequisite: COMP 1500.

HUMN 2350 Introduction to Folklore (3 credits)
This course explores various definitions of folklore, focusing on the ways that literature, art, music, performance, and religion all contribute to a culture. Students will be exposed to multiple storytelling techniques and how the many disciplines included in the study of folklore can be understood as forms of narration that tell the story of a culture's evolution. Folklore of different ethnographic backgrounds will be covered, including modern American folklore. Prerequisite: COMP 1500.

HUMN 2400 Introduction to Celtic Studies (3 credits)
This course provides an introduction to the languages, literatures, history, art, mythology and cultures of the Celtic peoples of Europe, from ancient Gaul, Britain and Ireland to the 21st century. Prerequisites: COMP 1500.

HUMN 2600 Introduction to American Studies (3 credits)
This course develops the insights and syntheses resulting from juxtaposing works across disciplinary boundaries and methodological perspectives, providing the conceptual tools needed for advanced work in American studies. Students will be introduced to significant works of American culture from a variety of media. Prerequisite: COMP 1500.

HUMN 3010 Communication Traditions (3 credits)
This course addresses the role of argument and communication in public discourse. Students will become intelligent consumers of public discourse through learning the traditions of the art of communication from ancient times through the present. Students will study compelling speakers and speeches from rhetorical and philosophical viewpoints. Prerequisite: COMP 2000, 2010, or 2020.

HUMN 3610 The Harlem Renaissance (3 credits)
This course will examine the Harlem Renaissance, the period from the end of World War I and through the middle of the 1930's Depression, during which African-American artists produced a body of work in the graphic arts, poetry, fiction, drama, essay, music, particularly jazz, spirituals and blues, painting, dramatic revues, and others. The notions of racial consciousness will be explored, as well as the common themes of alienation, marginalization, the use of folk material, the use of the blues tradition, and the problems of writing for an elite audience. Prerequisite: COMP 2000, COMP 2010, COMP 2020.

HUMN 3620 American Transcendentalism (3 credits)
An interdisciplinary study of the Transcendentalist movement in the U.S. in the nineteenth century, emphasizing the literary and philosophical ideas that framed transcendentalism and considering the geographical, social, and political backdrops of the movement. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

HUMN 3800 Mexican Cult of Death in Myth and Literature (3 credits)

This course examines the Mexican Cult of Death as an ubiquitous theme in Mexican arts and letters. Prerequisites: One ARTS, FILM, HIST, HUMN, LITR, or PHIL course; and COMP 2000, 2010, or 2020.

HUMN 3999 Prior Learning in the Humanities (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in humanities. This course is repeatable up to 12 credits.

HUMN 4100 Death and Dying (3 credits)
A multidisciplinary examination of significant topics related to the process of dying and death, such as changing western attitudes toward death, problems and solutions that may arise for those experiencing the dying process (including the dying, family, and friends), the grieving process, and non-western approaches to death and dying. Prerequisites: one ARTS, HIST, HUMN, FILM, LITR, PHIL, or THEA course; and COMP 2000, COMP 2010, or COMP 2020.

HUMN 4200 Asian Thought (3 credits)
An introduction to the fundamental teachings of significant religious and philosophical systems of Asia, offering a broad overview of such topics as Wu Wei, karma, reincarnation, impermanence, the nature of the mind, the paths of enlightenment, and basic practices such as meditation and compassionate action. Prerequisites: one ARTS, FILM, HIST, HUMN, LITR, PHIL or THEA course; and COMP 2000, COMP 2010, or COMP 2020.

HUMN 4310 The Vampire (3 credits)
This course investigates the development of the vampire tradition in Eastern and Western myth and legend; 19th and 20th century literacy and artistic representations of the vampire; and psychological and medical explanations of the phenomenon. Prerequisites: one ARTS, HIST, HUMN, LITR, PHIL, or THEA course; and COMP 2000, COMP 2010, or COMP 2020.

HUMN 4800 Humanities Capstone (3 credits)
Under the supervision and mentoring of a full-time member of the faculty, students will undertake a significant research project that focuses on a particular topic in the humanities reflecting their areas of humanities major concentration. Prerequisite: completion of at least 90 credit hours and permission of division director.

HUMN 4900 Special Topics in the Humanities (3 credits)
Advanced studies in selected cross-disciplinary areas of the humanities, including such topics as comparative religion, death and dying, or popular culture. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one ARTS, FILM, HIST, HUMN, LITR, PHIL, or THEA course; and COMP 2000, COMP 2010, or COMP 2020.

HUMN 4950 Internship in the Humanities (1-12 credits)
A 10-20 hour per week field or work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisite: cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and permission of division director.

HUMN 4990 Independent Study in Humanities (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: one ARTS, HIST, HUMN, LITR, or PHIL course; and COMP 2000, COMP 2010, or COMP 2020.

INB—International Business

INB 1999 Prior Learning Internati Buss (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in International Business. This course is repeatable up to 12 credits.

INB 2999 Prior Learning Internati Buss (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credits in International Business. This course is repeatable up to 12 credits.

INB 3550 International Business (3 credits)
Surveys the legal and cultural environment of international business; the international financial system; management of international operations; personnel and labor relations; international marketing; international economics, trade, and finance; multinational enterprise; and international accounting. Prerequisite: ECN 2025.

INB 3999 Prior Learning Internati Buss (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in International Business. This course is repeatable up to 12 credits.

INB 4300 Export/Import Trade (3 credits)
Studies the management of the export/import department, including government regulations affecting imports; financing, insuring, transporting, and marketing of exported or imported raw materials and finished products; methods of purchasing foreign products and selling domestic goods abroad; joint marketing; licensing; and distributor relations. Prerequisite: MKT 3320.

INB 4600 International Management (3 credits)
Explores the context of international management and the organization of multinational firms. Topics include organizational problems in international operations, international financial management, international personnel management, relations with host governments, and comparative management. Prerequisite: INB 3550.

INB 4999 Prior Learning Internati Buss (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credits in International Business. This course is repeatable up to 12 credits.

INST—International Studies

INST 1500 Global Issues (3 credits)
This course examines some of the increasingly complex and diverse issues confronting humanity. It examines the great diversity of opinion that people hold on important global issues, such as population, natural resource utilization, development, human rights, and values. Students may not receive credit for both INST 1500 and GLBS 1500.

INST 1500H Global Issues Honors (3 credits)
This course examines some of the increasingly complex and diverse issues confronting humanity. It examines the great diversity of opinion that people hold on important global issues, such as population, natural resource utilization, development, human rights, and values. Students may not receive credit for both INST 1500H and GLBS 1500H. Prerequisite: Honors students only.

INST 1999 Prior Learning in International Studies (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in international studies. This course is repeatable up to 12 credits.

INST 3999 Prior Learning in International Studies (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in international studies. This course is repeatable up to 12 credits.

INST 4800 Crossroads of the Transatlantic World (3 credits)
This course will focus on South Florida s the crossroads of a transatlantic world and allow students to explore in detail its relation with one or more regions of the world: i.e. North America, South America, Central America and Caribbean, Europe and Africa. Students will be required to write a research paper on a topic of their choosing under the guidance of the instructor, employing the appropriate methodology in the instructor's discipline, and offer an oral presentation of this paper to the class and the international studies faculty at the end of the semester. Prerequisites: A minimum of 18 credits in the INST major and COMP 2000, 2010, or 2020.

INST 4990 Independent Study in International Studies (1-12 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One INST course and COMP 2000, 2010, or 2020.

ISM—Information Systems Mgmt

ISM 1999 Prior Learning MIS (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Management Information Systems. This course is repeatable up to 12 credits.

ISM 2999 Prior Learning MIS (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credits in Management Information Systems. This course is repeatable up to 12 credits.

ISM 3660 Management Info Systems (3 credits)
Discusses the use of computers in business, as well as database management and information system fundamentals.

ISM 3999 Prior Learning MIS (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Management Information Systems. This course is repeatable up to 12 credits.

ISM 4999 Prior Learning MIS (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credits in Management Information Systems. This course is repeatable up to 12 credits.

LACS—LACS-Latin Amer & Caribbean St

LACS 1999 Prior Learning in Latin American and Caribbean Studies (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Latin American and Caribbean studies. This course is repeatable up to 12 credits.

LACS 3999 Prior Learning in Latin American and Caribbean Studies (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Latin American and Caribbean studies. This course is repeatable up to 12 credits.

LED—Leadership

LED 1999 Prior Learning Credits Leaders (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Leadership. This course is repeatable up to 12 credits.

LED 3000 Introduction to Leadership (3 credits)
This course presents leadership as an on-going and developing set of theories and models. Recognizing these theories and models provides a basis for understanding how leadership influences the success of individuals, groups, and organizations. The development of several of these theories and models will be considered to create a current perspective on leadership.

LED 3100 Ethics & the Capitalistic Sys. (3 credits)
This course considers the important role of capitalism in

today's global environment along with a critical examination of the ethics of business with particular emphasis on the effect on leaders. Building on classic works such as those by Adam Smith and Hayek's Road to Serfdom, the course will present a balanced view of the positive contributions of capitalism along with considerations of workplace fairness, corporate social responsibility, etc. Prerequisite: LED 3000.

LED 3999 Prior Learnng Credits Leader (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Leadership. This course is repeatable up to 12 credits.

LED 4100 Great World Leaders (3 credits)
This course examines the leadership style of six to eight world leaders in order to better understand how they influence the success or failure of their country or organization. Cultural differences are also considered in order to appreciate how they can affect the leaders themselves and, in turn, play an important role in today's increasingly global environment. Prerequisite: LED 3000.

LED 4200 Current Issues in Leadership (3 credits)
This course addresses the traditional and the appreciative inquiry models for analyzing leadership impact. A framework for analysis will be presented for use in determining best ways for leaders to attain business results at all levels in the organization. Students will use contemporary business writings as their source for identifying best ways. This will include the following: Fortune, Business Week, Journal of Applied Management and Entrepreneurship, as well as the business sections of daily newspapers. This course will be highly interactive. Prerequisite: LED 3000.

LED 4300 Situational Leadership (3 credits)
This course presents the concepts of leadership style and follower readiness using the Situational Leadership model developed by Paul Hersey. The importance of matching leadership style with follower readiness through a task-specific diagnosis is also presented. Situational Leadership will aid students in appreciating how their own leadership style affects others whenever they try to influence anyone within their organizations or in other aspects of their lives. Prerequisite: LED 3000.

LEGS—Legal Asst/Paralegal

LEGS 1150 Introduction to Law and the Legal Profession (3 credits)
Topics will include the structure and decisional processes of the American legal system, sources of law, methods of dispute resolution, the roles of the attorney and the legal assistant, legal analysis, interviewing techniques and ethics for legal assistants. This course is not required for those students who have taken LGST 2500.

LEGS 1999 Prior Learning in Paralegal Studies (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning in paralegal studies. This course is repeatable up to 12 credits.

LEGS 2100 Legal Research and Writing I (3 credits)
Students will study primary and secondary sources of law, obtain legal research and writing skills, learn how to use a law library, and obtain computer-assisted legal research training. Prerequisite: LEGS 1150 or LGST 2500 or permission of coordinator. This course is not required for students who have taken LGST 4000.

LEGS 3050 Criminal Law and Procedure (3 credits)
This course covers the study of both substantive criminal law and criminal procedure for the paralegal student. Students will learn the elements of major crimes and defenses. Students also will examine the constitutional aspects of criminal procedure, including searches, seizures and arrests; interrogation; the pretrial process; trial; sentencing; and appeal. Prerequisite: LEGS 1150 or LGST 2500 or permission of coordinator.

LEGS 3210 Computer Applications for the Legal Profession (3 credits)
Theory and application of programs for computers that are used in the legal profession. Hands-on experience with microcomputers and specialized software utilized by the legal profession. Prerequisites: TECH 1110 and LEGS 1150 or LGST 2500 or permission of the coordinator.

LEGS 3260 Real Estate Practice I (3 credits)
Topics will include interests in real property, contracts, deeds, mortgages and other encumbrances, mortgage foreclosures, title searches, title insurance, and leases. Students will prepare closing documents for a residential real estate transaction. Pre/Corequisite: LEGS 1150 or LGST 2500 or permission of coordinator.

LEGS 3300 Torts and Civil Litigation (3 credits)
This course covers tort law, including such topics as intentional torts, negligence, strict liability, products liability, defamation, and defense to torts. Students also will examine the civil litigation process, including evidence, the rules of civil procedure, discovery, jury selection, and pre-trial work. Students will prepare pleadings and pre-trial discovery. Pre/Corequisite: LEGS 1150 or LGST 2500 or permission of coordinator.

LEGS 3360 Wills, Trusts, and Estates I (3 credits)
Topics will include intestacy, wills, trusts, living wills, will substitutes, probate, estate administration, and estate and gift taxes. Students will prepare wills and estate administration documents. Pre/Corequisite: LEGS 1150 or LGST 2500 or permission of coordinator.

LEGS 3400 Business Relations and Organizations (3 credits)
Topics will include contracts (the essential elements, defenses to enforceability, third party beneficiaries, and assignments), the Uniform Commercial Code, sole proprietorships, general and limited partnerships, and corporations. Pre/Corequisite: LEGS 1150 or LGST 2500 or permission of coordinator.

LEGS 3550 Family Law (3 credits)
Topics will include prenuptial and postnuptial agreements,

marriage, dissolution, equitable distribution, alimony, shared parental responsibility, child support, property settlement agreements, adoption, and paternity and juvenile law. Pre/Corequisite: LEGS 1150 or LGST 2500 or permission of coordinator.

LEGS 3999 Prior Learning in Paralegal Studies (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning in paralegal studies. This course is repeatable up to 12 credits.

LEGS 4060 Debtor and Creditor Relations (3 credits)
Topics will include the following: the bankruptcy process and alternative remedies; secured parties under the Uniform Commercial Code; judgment liens; locating debtors' property; enforcement of judgments by way of garnishment, attachment, and replevin; and exempt property. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000; and LEGS 3300; and LEGS 3400 or permission of coordinator.

LEGS 4110 Legal Research and Writing II (3 credits)
This course will commence with a review of all basic primary and secondary sources. Florida research tools and special topical reference materials will also be covered. Advanced training in computer-assisted legal research will be provided. Legal writing will be emphasized. There will be a variety of written work ranging from everyday correspondence to memoranda of law. Prerequisites: LEGS 1150 or LGST 2500, and LEGS 2100 or LGST 4000 or permission of coordinator.

LEGS 4270 Real Estate Practice II (3 credits)
Topics will generally be chosen from among the following: title problems, mortgage foreclosures, landlord-tenants, commercial real estate transactions, condominiums, construction liens, and environmental matters. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000; and LEGS 3260 or permission of coordinator.

LEGS 4310 Advanced Litigation (3 credits)
The following topics under the Florida Rules of Civil Procedure will be covered: pleadings, service of process, parties, default, dismissals, discovery in all of its forms, the trial stage, judgments, and post-judgment relief. Students will work on civil cases in several areas of law, where they will apply many of the procedural rules that they have studied. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000; and LEGS 3300 or permission of coordinator.

LEGS 4370 Wills, Trusts, and Estates II (3 credits)
Topics will generally be chosen from among the following: probate litigation, mechanisms to transfer property, will and trust drafting, homestead, and federal estate and gift tax system, the Florida estate tax, and preparation of federal estate and gift tax returns. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000; and LEGS 3360 or permission of the coordinator.

LEGS 4410 Corporate Regulation and Change (3 credits)
Topics will include the following: capitalization, debt and equity financing, federal and state securities regulation, mergers, asset and stock acquisitions, reorganizations, and drafting corporate documents. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000; and LEGS 3400 or permission of the coordinator.

LEGS 4470 Emerging Technologies and the Legal Profession (3 credits)
This course covers emerging technologies and their impact on the legal profession. Topics covered will include an overview of the Internet, conducting legal research on the Internet, electronic filing with government agencies and the courts, "non-legal" Web sites with legal-specific applications, using email in law practice, legal trends on the Internet, ethical issues pertaining to emerging technologies, and law as applied to computers and other technology. Prerequisites: TECH 1110; and LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000; and LEGS 3210; and LEGS 3400 or permission of the coordinator.

LEGS 4510 Specialty Course (3 credits)
The subjects covered by this course will generally be chosen from among the following: administrative law; alternative dispute resolution; employment law; health law; immigration law; insurance law; international law; and patents, trademark, and copyright law. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000 or permission of the coordinator.

LEGS 4560 Elder Law (3 credits)
Topics will include the following: incapacity; types of guardians; guardianship practice and procedure; alternatives to guardianships, such as durable powers of attorney, trusts, health care surrogates, and representatives payers; government benefits such as Social Security, Medicare, and Medicaid; and housing options such as " reverse mortgages," life care contracts, adult congregate living facilities, and nursing homes. Prerequisites: LEGS 1150 or LGST 2500; and LEGS 2100 or LGST 4000 or permission of the coordinator.

LEGS 4800 Advanced Practicum in Paralegal Studies (3 credits)
This advanced practicum simulates a law office environment in which students work for senior and junior law partners in a generalized law practice. This experiential approach is designed to integrate and apply substantive law, procedural application and legal computer application drawing on materials in a variety of legal areas including but not limited to civil litigation, real estate, estate planning, family law, legal research, criminal law, contracts and corporate law. Students take this course in the last semester of their paralegal studies curriculum. Prerequisites: LEGS 2100, LEGS 3050, LEGS 3210, LEGS 3260, LEGS 3300, LEGS 3360, LEGS 3400 and LEGS 3550.

LEGS 4950 Internship in Paralegal Studies (3 credits)
A 20-hour per week work experience for 16 weeks in the student's major area of study at an internship site

registered with the paralegal studies program as an approved site. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of paralegal coordinator. Students may take a maximum of two internships, which must be taken at different internship sites.

LGST—Legal Studies

LGST 1999 Prior Learning in Legal Studies (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in legal studies. This course is repeatable up to 12 credits.

LGST 2500 Introduction to Legal Studies (3 credits)
This course provides an introduction to the structure and basic decisional processes of the American legal system, as well as a study of the historical and social development of the legal profession in America from the colonial period to the present. Particular focus is on examination of the central issues and processes of the legal system from the perspective of their everyday working relationships and how courts work. Prerequisite: COMP 1500.

LGST 3350 Environmental Law and Policy (3 credits)
This course analyzes environmental quality in terms of law and policy. Specific public policy issues are surveyed to develop alternative approaches for dealing with ecological problems and for illustrating the power of public opinion. This course also provides an understanding of the norms and institutions that comprise national and international environmental law. Specific topics considered include air pollution and protection of the atmosphere, hazardous waste, endangered species, the global commons, and laws of the sea. Statutes, regulations, and judicial decisions are emphasized to provide an overall analysis of environmental law. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

LGST 3400 Comparative Legal Systems (3 credits)
A study of the interrelationship between cultures and legal systems; how legal systems develop as a response to, and expression of, the cultures from which they derive. Prerequisite: COMP 2000, 2010, or 2020.

LGST 3999 Prior Learning in Legal Studies (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in legal studies. This course is repeatable up to 12 credits.

LGST 4000 Legal Research and Trial Advocacy (3 credits)
Students will learn legal research and writing skills, as well as the basics of case preparations, courtroom strategy and presentation, and legal argumentation. Library and Internet primary and secondary legal resources will be utilized, and legal memoranda and research skill exercises will be required. The students will create a trial notebook of their research and writing work, which they will then present in a mock trial/appellate setting. Prerequisites: LGST 2500 and COMP 2000, COMP 2010, or COMP 2020.

LGST 4050 Civil and Political Liberties (3 credits)
A survey of the philosophical basis and actual development of civil and political liberties in the United States. The course also examines the leading United States Supreme Court cases in the area. Prerequisites: LGST 2500 and HIST 3010.

LGST 4260 Private Law (3 credits)
This course examines, in depth, one or more areas of private law, such as contracts, torts, or corporations, and considers them in the context of modern legal thought. The emphasis will be on 20th century America. Prerequisites: LGST 2500 and COMP 2000, COMP 2010 or COMP 2020.

LGST 4270 Judicial Politics and Process (3 credits)
This class will examine both the formal and informal practices and rules that shape the American judicial system. Using a political science/legal anthropology approach, it will ask who uses the courts, why they use the courts, and what they hope to achieve. In doing so, it will seek to assess the effectiveness of American justice by analyzing such topics as the formal structures of the American judicial system and the judicial appointment, socialization, and the decision-making process. Prerequisite: LGST 2500 and COMP 2000, COMP 2010 or COMP 2020.

LGST 4410 International Law (3 credits)
An introduction to basic legal principles governing relations between nations. Topics include recognition of states, jurisdiction, human rights, treaties and agreements, law of the sea and claims against nations. Prerequisites: one LGST course; and COMP 2000, COMP 2010, or COMP 2020.

LGST 4950 Internship in Legal Studies (1-12 credits)
A 10-20 hour per week field or work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 higher, completion of 60 or more credit hours, and permission of division director.

LGST 4990 Independent Study in Legal Studies (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisites: one LGST course and written consent of instructor and division director.

LITR—Literature

LITR 1999 Prior Learning in Literature (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in literature. This course is repeatable up to 12 credits.

LITR 2010 British Literature I (3 credits)
A survey of major literary movements and writers, from Old English through the 18th century. The course examines themes common to various historical periods. Prerequisite: COMP 1500.

LITR 2010H British Literature I Honors (3 credits)
A survey of major literary movements and writers, from Old English through the 18th century. The course examines themes common to various historical periods. Prerequisites: COMP 1500; Honors students only.

LITR 2011 British Literature II (3 credits)
A survey of major literary movements and writers, from the Romantic period through the present. The course examines themes common to various historical periods. Prerequisite: COMP 1500.

LITR 2011H British Literature II Honors (3 credits)
A survey of major literary movements and writers, from the Romantic period through the present. The course examines themes common to various historical periods. Prerequisites: COMP 1500; Honors students only.

LITR 2020 American Literature I (3 credits)
A survey of American literature from the colonial period through the Civil War, emphasizing major authors and identifying themes common to various historical periods. Prerequisite: COMP 1500.

LITR 2020H American Literature I Honors (3 credits)
A survey of American literature from the colonial period through the Civil War, emphasizing major authors and identifying themes common to various historical periods. Prerequisites: COMP 1500; Honors students only.

LITR 2021 American Literature II (3 credits)
A survey of American literature from the end of the Civil War through the present, emphasizing major authors and identifying themes common to various historical periods. Prerequisite: COMP 1500.

LITR 2021H American Literature II Honors (3 credits)
A survey of American literature from the end of the Civil War through the present, emphasizing major authors and identifying themes common to various historical periods. Prerequisites: COMP 1500; Honors students only.

LITR 2030 World Literature I (3 credits)
A survey of selected masterpieces by international writers from antiquity through the Renaissance, emphasizing the evolution of world culture. Prerequisite: COMP 1500.

LITR 2030H World Literature I Honors (3 credits)
A survey of selected masterpieces by international writers from antiquity through the Renaissance, emphasizing the evolution of world culture. Prerequisites: COMP 1500; Honors students only.

LITR 2031 World Literature II (3 credits)
A survey of selected masterpieces by international writers from the 17th century through the 20th century, emphasizing the evolution of world culture. Prerequisite: COMP 1500.

LITR 2031H World Literature II Honors (3 credits)
A survey of selected masterpieces by international writers from the 17th century through the 20th century, emphasizing the evolution of world culture. Prerequisites: COMP 1500; Honors students only.

LITR 3040 Women in Literature (3 credits)
Works will be studied to acquaint students with the rich and extensive contributions of women to the various literary genres (autobiography, poetry, fiction). Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020

LITR 3060 History and Structure of the English Language (3 credits)
A study of the structure and development of the English language from Old English to Modern English, including changes in word forms, meaning and sounds, syntax and grammar. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3210 British Romantic Literature (3 credits)
A study of the Romantic period in Britain, ranging from approximately 1785-1850 and covering such authors as Blake, Wollstonecraft, William and Dorothy Wordsworth, Coleridge, Mary Shelley, P.B. Shelley, DeQuincey, Byron, and Keats. Prerequisites: one LITR course, and COMP 2000, COMP 2010, or COMP 2020.

LITR 3230 American Renaissance Literature (3 credits)
A study of the period known in U.S. literary history as the "American Renaissance" or "American Romanticism", ranging from approximately 1810-1865. The course will cover such authors as Whitman, Dickinson, Douglass, Stowe, Thoreau, Emerson, Melville, Hawthorne, and Poe. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3260 Modernist World Literature (3 credits)
A study of the works from western literatures other than American or British from the period of 20th century modernism, primarily the first half of the 20th century. Authors studied might include Freud, Kafka, Camus, Beckett, Yeats, Joyce, and Borges. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3500 Literature and Medicine (3 credits)
This course explores the relationship between literary and historical texts and medical practice. Using critical perspectives from the humanities, the course examines such topics as the medical practitioner's role, medical themes in literature, and pathographies. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3510 Irish Literature (3 credits)
A study of Irish and Celtic literatures, focusing on early Irish myth and medieval literature translated from Gaelic, the

literature of the Irish Renaissance in the early 20th century, and contemporary Irish poetry and prose. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3520 African-American Literature (3 credits)
A study of African-American literature, from slave narratives to modern African-American poetry and prose. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3530 Caribbean Literature (3 credits)
A study of Caribbean literature from early post-Colombian literature, such as slave narratives and travel writing, to modern Caribbean poetry and prose. The emphasis is on literature written in English, but the course includes works that have been translated into English from other languages, including French and Spanish. This course provides an introduction to the literature of the Caribbean and a framework for studying that material. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3620 Studies in Poetry (3 credits)
A detailed study of the genre of poetry through the reading of important works on various periods and countries from the ancient through the modern era, focusing on the main poetical categories of epic, lyric, and dramatic poetry. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3630 Studies in the Novel (3 credits)
A detailed study of the novel through the reading of important works of various periods and countries from the 18th century through the modern era. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 3640 Studies in Drama (3 credits)
A detailed study of drama through the reading of important works of various periods and countries from the ancient through the modern era. Prerequisites: one LITR course; COMP 2000, COMP 2010 or COMP 2020.

LITR 3650 Studies in Detective Fiction (3 credits)
A detailed study of the literary sub-genre of detective fiction through the reading of important short fiction and novels by such authors as Poe, Doyle, Christie, Chandler, and Hammett. Prerequisites: one LITR course; COMP 2000, COMP 2010, or COMP 2020.

LITR 3660 Young Adult Literature (3 credits)
A study of the genre of literature written for, marketed to, and taught to young adults (primarily ages 12-17), examining relevant themes, motifs, and pedagogical strategies involved with such literature. Prerequisites: one LITR course; COMP 2000, COMP 2010, or COMP 2020.

LITR 3999 Prior Learning in Literature (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in literature. This course is repeatable up to 12 credits.

LITR 4050 Literary Criticism and Theory (3 credits)
This course introduces students to critical approaches to literature and explores the potential usefulness of theoretical constructs in examining literary texts. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4060 Critical Theories and Gender (3 credits)
This course introduces students to contemporary feminist criticism and gender theory from Simone de Beauvoir to the present and explores the potential usefulness of theoretical constructs in examining literature. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4510 King Arthur (3 credits)
This course traces the origins and development of the legend of King Arthur, Queen Guinevere, and the Knights of the Round Table from the 5th to the 21st century. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4720 Shakespeare (3 credits)
This course will examine the life and work of William Shakespeare from a range of critical perspectives, using a variety of Shakespeare's history, tragedy, and comedy plays. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4730 Faulkner (3 credits)
This course will examine the life and work of William Faulkner from a range of critical perspectives, using a variety of Faulkner's short fiction and novels. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4740 Austen (3 credits)
This course examines the life and work of Jane Austen from a range of critical perspectives, using a variety of Austen's novels. Prerequisite: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4750 Morrison (3 credits)
This course examines the life and work of Toni Morrison from a range of critical perspectives, using a variety of Morrison's novels, storied and non-fiction. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4900 Special Topics in Literature (3 credits)
Topics, which vary from year to year, may include a history of literary criticism, a study of literature in relation to a specific field (politics, law, science), an exploration of a particular form of literature (travel literature, autobiography, etc.), or theme (literature and the city, literature and the self), or an interdisciplinary approach to a particular era. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one LITR course; and COMP 2000, COMP 2010, or COMP 2020.

LITR 4990 Independent Study in Literature (1-3 credits)
The student selects, and carries out independently, library

and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: one LITR course; and COMP 2000, COMP 2010 or COMP 2020.

MATH—Mathematics

MATH 0201 Finite Math (3 credits)

MATH 1000 Essential Mathematics (3 credits)
This course is designed to provide a brief review of basic computational skills in fractions, decimals, and rational numbers. It expands into a comprehensive study of introductory algebra including: variable expressions, linear equations and inequalities, polynomials, exponents, algebraic word problems, factoring, and quadratic equations. This course has been exempted from the requirements of the Writing Across the Curriculum policy.

MATH 1030 Intermediate Algebra (3 credits)
This course is designed for students who have had some algebra. Topics include: algebraic expression and real numbers; linear equations and inequalities in one and two variables; quadratic equations; polynomials and factoring; graphs of basic functions; systems of linear equations; and applications. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1000.

MATH 1040 Algebra for College Students (3 credits)
This course is designed to provide students with a full range of algebra skills. Topics include: graphs of functions and relations; inverse functions; rational and radical expressions; linear, quadratic, and rational functions; absolute value and radical functions; properties and graphs of exponential and logarithmic functions and applications. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or Math 1030.

MATH 1050 Concepts in Geometry and Logic (3 credits)
This course is designed to meet the general education requirements for only those students intending to enter education majors. The course addresses essential mathematical competencies related to sets, logic, and geometry. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1040.

MATH 1060 Concepts in Statistics and Probability (3 credits)
This course is designed to meet the general education requirements for only those students intending to enter education majors. The course addresses essential mathematical competencies related to probability and both inferential and descriptive statistics. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 1040 or challenge examination.

MATH 1200 Precalculus Algebra (3 credits)
This course is for students with a strong background in algebra. Students will study fundamental concepts of algebra; equations and inequalities; functions and graphs; polynomials; and rational, exponential, and logarithmic functions. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1040.

MATH 1250 Trigonometry (3 credits)
This course will complete the sequence of courses necessary to begin the study of calculus. A thorough study of trigonometric functions, analytic trigonometry, and numerous applications will be covered. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1200.

MATH 1999 Prior Learning Credit in Mathematics (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in mathematics. This course is repeatable up to 12 credits. Prerequisite: approval of director.

MATH 2001 Introduction to Math Models in Biology I (3 credits)
This course is designed for students with a mathematical background sufficient to take calculus and an interest in the biological sciences. Students will be introduced to the interplay of mathematical modeling and biology; as well as an introduction to a broad mathematical tool chest. Topics include linear and nonlinear difference equations and matrix algebra. The Matlab® computer software program will be used in this course. Prerequisite: Challenge examination or MATH 1200

MATH 2080 Applied Calculus (3 credits)
Functions, graphs and derivatives of algebraic functions; introduction to derivatives of trigonometric functions, application of derivatives to business problems; and related rates and maximum/minimum problems. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1200.

MATH 2100 Calculus I (4 credits)
Functions, limits, and derivatives of algebraic functions. Introduction to derivatives of trigonometric functions, logarithmic functions; application of derivatives to physics problems; related rates and maximum/minimum problems, and definite and indefinite integrals with applications. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: Challenge examination or MATH 1250.

MATH 2100H Calculus I Honor (4 credits)
Functions, limits, and derivatives of algebraic functions. Introduction to derivatives of trigonometric functions, logarithmic functions; application of derivatives to physics problems; related rates and maximum/minimum problems, and definite and indefinite integrals with applications. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites:

Challenge examination or MATH 1250; Honors students only.

MATH 2200 Calculus II (4 credits)
Riemann sums; the definite integral; method of integration; continuation of exponential, logarithmic functions, and inverse trigonometric functions. L'Hopital's rule and improper integrals. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 2100.

MATH 3020 Applied Statistics (3 credits)
An introductory course in the use of descriptive and inferential statistics. Topics include graphical and numerical descriptive measures, probability, common random variables and their distributions, sampling procedures, confidence intervals, and hypothesis testing (including tests for independence and goodness of fit). This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 1030 or higher.

MATH 3020H Applied Statistics Honors (3 credits)
An introductory course in the use of descriptive and inferential statistics. Topics include graphical and numerical descriptive measures, probability, common random variables and their distributions, sampling procedures, confidence intervals, and hypothesis testing (including tests for independence and goodness of fit). This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: MATH 1030 or higher; Honors students only.

MATH 3030 Applied Statistics II (3 credits)
Introductory aspects of inferential statistics and experimental design are covered. Course material includes hypothesis testing and estimation, analysis of variance, multiple comparison procedures, linear and multiple correlation and regression methods, chi-square tests, nonparametric techniques, and elementary design of experiments. Stress will be placed on interpreting studies that employ these techniques. Prerequisite: MATH 3020.

MATH 3200 Calculus III (4 credits)
Functions of several variables, surfaces, in three-space, vectors, techniques of partial differentiation and multiple integration with applications. Vector calculus topics will include the theorems of Green, Gauss and Strokes. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 2200.

MATH 3250 Euclidean Geometry (3 credits)
Plane Euclidean geometry starts with a vocabulary of terms, definitions, and postulates, works its way into direct and indirect proofs, and finishes with similar figures, triangles, circles, and areas. The study of coordinate, solid, and non-Euclidean geometrics will be left as an option (directed study) for the interested individual student. Prerequisite: MATH 1200.

MATH 3300 Introductory Linear Algebra (3 credits)
This is an elementary linear algebra course. The focus of the course is on the methods in matrix computations and the basic theory of vector spaces. Prerequisite: MATH 2100.

MATH 3350 Number Theory (3 credits)
Designed primarily for secondary math education majors. Topics covered include divisibility, theory of primes, numerical functions, and congruence classes. Prerequisite: MATH 2200 or MATH 3250.

MATH 3400 Ordinary Differential Equations (3 credits)
Topics covered in this course include first-order separable, linear, and nonlinear differential equations, first-order systems, forced second order linear equations, qualitative techniques, bifurcations, numerical methods, linearization, and applications to numerous areas such as biology, chemistry, economics, physics, and social sciences. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 2200.

MATH 3900 History of Mathematics (3 credits)
Designed primarily for secondary math education majors. Includes from the early development in mathematics to current thinking. Students will gain the perspective that mathematics is the cumulative creation of many people over time. Prerequisites: MATH 2200, MATH 3250 and MATH 3350.

MATH 3999 Prior Learning Credit in Mathematics (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in mathematics. This course is repeatable up to 12 credits. Prerequisite: approval of director.

MATH 4020 Applied Regression Analysis (3 credits)
An applied course in regression analysis discussing simple, multiple regression; exponential and logistic regression; resolution of fit of a model, including, residual analysis; precision of estimate; ANOVA and tests of general hypotheses; model building; step-wise regression; use of indicator variables, and multi co-linearity. Prerequisite: MATH 3030.

MATH 4040 Applied Multivariate Statistical Analysis (3 credits)
An applied course in multivariate statistical analysis. This includes the study of the multivariate normal distribution and inference about one and several multivariate means. Also, students will study principal components and factor analysis and apply such techniques to real multivariate data. Also, the study of classification and cluster analysis will enable the students to better apply such techniques in marketing research, biological models, and social studies. Prerequisites: MATH 3030 and MATH 3300.

MATH 4050 Advanced Calculus I (3 credits)
Begins with analytic geometry and vectors in several dimensions and continues with partial differentiation of

functions of several variables; and applications, including linear programming, multipliers, and linear regression. Finally, double and triple integrals and their applications are also covered. Prerequisite: MATH 2200.

MATH 4060 Advanced Calculus II (3 credits)
Begins with a study of vector functions of one variable and their applications and continues with vector fields including line and surface integrals. The major theorems of vector calculus, including the divergence theorem, Green's Theorem, and Stoke's Theorem, are also covered. Prerequisite: MATH 4050.

MATH 4080 Introduction to Statistical Computations (3 credits)
This class gives the students the opportunity to learn writing codes for performing statistical analysis and data manipulation including writing their own functions or macros in one of the high level programming languages. Students will have a better hand on one/more statistical programming language(s) so as to carry out statistical analysis. Students will be prepared to handle and manipulate different types of data files and write their own functions (macros) to perform specific procedures. Prerequisites: MATH 3030 and MATH 3300.

MATH 4500 Probability and Statistics (3 credits)
Probability functions, random events, expectation, conditional probability distribution functions, and foundations of statistics. Prerequisite: MATH 2200.

MATH 4900 Special Topics in Mathematics (3 credits)
The Special Topics in Mathematics course presents mathematical topics that are not covered in any of our current courses. Course contents and schedule are announced in the course syllabus. Prerequisites: Junior standing. Specific course content and prerequisites are announced in the course schedule for the given term.

MATH 4950 Internship in Mathematics (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

MATH 4990 Independent Study in Mathematics (1-3 credits)
The student selects and independently carries out, library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: Determined by faculty and division director.

MBIO—Marine Biology

MBIO 1220 Introduction to Marine Biology (3 credits)
Introduction to marine environments of South Florida with emphasis on adaptation of local organisms to a variety of habitats including mangrove swamps, the intertidal zone, sea grass meadows, coral reefs, and the Gulf Stream. Field trips to various South Florida marine habitats will round out the course experience.

MBIO 1999 Prior Learning Credit in Marine Biology (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in marine biology. This course is repeatable up to 12 credits. Prerequisite: approval of director.

MBIO 2400 Marine Biology (3 credits)
This introductory course for the marine biology major will acquaint the student with basic principles of marine biology and function as a complementary course to Oceanography (MBIO 2500). The course will touch upon basic aspects of physical, chemical, and geological oceanography, and then focus upon marine communities found in the open ocean, deep sea, coastal shelf and inter tidal regions. Phylogenetic relationships, organism function, species diversity, symbiotic relationships, and ecological interactions will be examined. Prerequisite: MATH 1030 or higher.

MBIO 2410 Marine Biology and Lab (4 credits)
This introductory course for the marine biology major will acquaint the student with basic principles of marine biology and function as a complementary course to Oceanography/Lab (MBIO 2500). The course will touch upon basic aspects of physical, chemical, and geological oceanography, and then focus upon marine communities found in the open ocean, deep sea, coastal shelf and inter tidal regions. Species diversity, phylogenetic relationships, organisms function, symbiotic relationships, and ecological interactions will be examined. Prerequisite: MATH 1030 or higher.

MBIO 2500 Oceanography/Lab (4 credits)
This introductory course for the marine biology major will expose the student to more comprehensive principles of physical, chemical and geological oceanography, and functions as a complementary course to Marine Biology (MBIO 2410). Oceanographic sampling and laboratory analysis techniques will be covered. Prerequisite: BIOL 1500 and BIOL 1510.

MBIO 2910 Introductory Marine Biology Field Topics (1-3 credits)
Introductory topics in marine biological science that are not included in regular course offerings. Specific content and prerequisites are announced in the course schedule for a given term. Students may reenroll for different topics. Prerequisite: Permission of the instructor.

MBIO 3350 Gulf Stream Ecology (3 credits)
Students will gain hands-on field, shipboard and laboratory experience working with a range of organisms collected from several local deep-water habitats. Topics explored will include the hydrodynamics, chemistry and biology of the Gulf Stream system, its underlying geology and biogeography. Students will become familiar with techniques used to collect and study organisms of the water column and seafloor and will make detailed observations of collected fauna. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 3650 Marine Vertebrates (3 credits)
This course is an introduction to marine vertebrates and their evolution, systematics, anatomy, physiology, ecology, and behavior. The focus will be on the organisms and their interactions with the marine environment, their interaction with each other, and their interactions with other species. A major goal will be to explain the great diversity and adaptations of vertebrate animals with examples involving local marine species. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 3700 Biology of Fishes/Lab (4 credits)
This is an introduction to the major groups of fishes such as jawless, cartilaginous and bony fishes. Topics will include the diversity of extant fishes from various aquatic habitats, with emphasis on local species, the anatomy, physiology, behavior, ecology and evolution of fishes, and fisheries conservation and enhancement practices. Prerequisites: BIOL 1500 & 1510

MBIO 3750 Coral Reefs and Coral Communities (3 credits)
This class introduces students to the biology and ecology of corals and coral-associated organisms. Topics include coral distribution, abundance, diversity, taxonomy, endosymbionts, reproduction, predator-prey relationships, and anthropogenic and natural disturbances. Active classroom discussion will be encouraged during and following the presentation of material by the professor. A formal discussion period on selected papers will be conducted during each class. Material will be presented from a global perspective, with focus on South Florida and Caribbean marine environments. Two weekend field trips are required. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 3900 Special Topics in Marine Science (3 credits)
Topics in marine biology not included in a regular course offering. May be repeated for special topics covering different content. Prerequisite: MBIO 2400 or MBIO 2410 or permission of the instructor.

MBIO 3910 Sharks and Their Relatives (3 credits)
This is a survey of three major groups of elasmobranch fishes: sharks, skates and rays, and chimera. This course will be divided into three main bodies of information: 1) the history and evolution of sharks and their relatives; 2) elasmobranch taxonomy; and 3) current and future research. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 3999 Prior Learning Credit in Marine Biology (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in marine biology. This course is repeatable up to 12 credits. Prerequisite: approval of director.

MBIO 4210 Ecology of the Great Barrier Reef (3 credits)
This course is an intensive, academically rigorous experience designed to provide students with an integrated understanding of reef ecology. The remote location in a protected marine area provides access to an unequaled classroom setting. A typical day involves lecture, snorkeling, field write-ups, oral presentations, and compilation of faunal trips lists. There are reefs in the lagoon, and boats are taken to outlying reef areas. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 4220 Ecology of the Great Barrier Reef (3 credits)
This course is an intensive, academically rigorous experience designed to provide students with an integrated understanding of reef ecology. Lecture material will prepare the student for the second part of this two-course sequence, the summer-based field course MBIO 4221. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 4221 Ecology of the Great Barrier Reef Field Trip (1 credits)
This field course will provide direct experience with principles of ecology that were introduced in MBIO 4220 in the unique setting of the Great Barrier Reef. We will visit a variety of reef sites throughout reef tract. Prerequisite: MBIO 4220.

MBIO 4230 Belize Reef Ecology (3 credits)
This course is intended as an entry-level residential field experience for marine biology majors. The primary focus of the course is a week-long field experience at South Water Caye, Belize. Students undertake projects to be completed during their stay on the Caye. A written paper must be submitted. This experience provides complete immersion in the subject matter and brings together a number of academic disciplines; it also provides a synthesis of information enabling students to incorporate knowledge from prior course work in a field setting. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 4250 Ecology of Galapagos Islands (3 credits)
This intensive lecture and field experience will introduce and amplify principles of evolutionary ecology in the unique setting of the Galapagos Islands. Lectures will cover the historical, geological, and biological aspects of the archipelago. The field portion of the course will include visits to the Charles Darwin Research Station and Galapagos National Park Service on the island of Santa Cruz and a one-week cruise to visit islands in the southern, central and western portions of the archipelago. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 4260 Ecology of the Galápagos Islands (3 credits)
This course will introduce and amplify principles of evolutionary ecology that occur in the unique setting of the Galápagos Islands. Lectures will cover the historical, geological, and biological aspects of the archipelago and will prepare the student for an immersive experience in the summer-based field course MBIO 4261. Prerequisite: MBIO 2410 or BIOL 1510.

MBIO 4261 Ecology of the Galápagos Islands Field Trip (1 credits)
This field course will provide direct experience with principles of evolutionary ecology that were introduced in MBIO 4260 in the unique setting of the Galápagos Islands. The course will include visits to the Charles Darwin Research Station and several sites in the Galápagos National Park on the island of Santa Cruz, and offer

additional experiences on other islands of the archipelago. Prerequisite: MBIO 4260.

MBIO 4350 The Biology and Ecology of the Manatee (3 credits)
This course will provide an introduction to the basic biology and ecology of the sirenia with focus on the Florida Manatee (Trichechus manatus latirostris). The course incorporates field observations with lecture material to give the student a comprehensive overview of the sirenia. The course begins with a 3-day field trip to Crystal River at the end of Winter break to observe manatee behavior in the wild. This is followed by 7 2-hour evening lectures. Prerequisite: MBIO 2400 or MBIO 2410.

MBIO 4910 Advanced Marine Biology Field Topics (1-3 credits)
Advanced topics in marine biology that are not included in regular course offerings. Specific content and prerequisites announced in the course schedule for a given term. Students may reenroll for different content. Prerequisite: MBIO 2400 or MBIO 2410 or permission of the instructor.

MBIO 4950 Internship in Marine Biology (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

MBIO 4990 Independent Study Marine Biology (1-3 credits)
The student selects and independently carries out library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: Determined by faculty and division director.

MGT—Management

MGT 1001 Mastering Student Success (3 credits)
This course is designed to help first-year students to better manage the adjustment to a university setting, develop a better understanding of the learning process, and acquire essential academic and social success skills. The course provides a general orientation to the functions and resources of the university and also provides a support group for students transitioning to college by examining problems common to the first-year experience. Attaining an appropriate balance between managing personal freedom and academic responsibility underlies all MGT 1001 activities.

MGT 1010 Intro to Business (3 credits)
Provides an overview of the private enterprise system. Topics include the key concepts of business, social responsibility, entrepreneurship, the management process, marketing, finance, and the legal and international environment of business.

MGT 1999 Prior Learning Credits in MGMT (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in the management. This course is repeatable up to 12 credits.

MGT 2050 Principles of Management (3 credits)
Provides an overview of management history and theory, schools of management thought, the functions and processes of management, and the environment within which the modern manager operates.

MGT 2150 Business Law I (3 credits)
Sets forth, explains, illustrates, and applies fundamental principles of business law to modern day business problems. Important subject matters covered are introduction to the legal system, constitutional law as applied to business, contract law and sales law, agency and employment law, types of business organizations, and torts and products liability law. Credit cannot be obtained for both this course and LEGS 3400.

MGT 2510 Supervisory Skills (3 credits)
Studies the changing responsibilities of first-level supervisors. Topics include high-quality management, multicultural diversity, dealing with unions, equal opportunity legislation, discipline procedures, and organizational ethics and politics.

MGT 2920 Special Topics (3 credits)
This course covers special Topics in business that are not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content.

MGT 3000 Contemporary Issues in Buss. (0 credits)
Students will gain an understanding of contemporary issues in business and will be able to discuss them with peers. They will learn to explore the complexity of issues, challenge preconceived notions, and consider the viewpoints of others in regard to varied challenges that face business managers in an ever-evolving business landscape.Prerequisites: MGT 2050, ECN 2020, Comp 1500, Math 1040.

MGT 3020 Business Communication (3 credits)
Examines the strategies of effective written and oral business communications. Topics include persuasive messages, delivery of good news and bad news, sales letters, collection messages, design of business reports and oral presentations, use of visual aids, and resume preparation. Prerequisite: COMP 1500.

MGT 3050 Organization Theory (3 credits)
Emphasizes the structure of modern organizations and systems. The special problems of complex organizations, project and/or program management, matrix management, venture management, and contingency management will be discussed. Prerequisite: MGT 2050

MGT 3150 Business Law II (3 credits)
This course is a continuation of Business Law I. The course examines additional important business law subject matter areas, such as commercial paper and banking

transactions, creditors and debtors rights and responsibilities, Internet law, intellectual property law, real property law, international business law, liability of accountants, wills and trusts, and personal property, gifts, and a bailment. Prerequisite: MGT 2150

MGT 3250 Law of Info Tech for EP & Buss (3 credits)
This course is an upper level undergraduate course that examines the law of information technology. The course focuses on current legislation and judicial decisions relating to the general area of information systems and computer technology. Attention is given to: technological innovation intellectual property laws, such as patents, copyrights, trademarks, and trade secrets, electronic publishing, cyber-stalking, hacking, piracy, file sharing, privacy, identity theft, as well as other tort and contract ramifications to information technology, such as defamation on line and electronic signatures. Legal solutions for dealing with with conflicts caused by technological change and likely adaptations of the law over time in response to technological and societal changes also will be explored. The objectives of the course are to expose the students to the variety of laws impacting information technology, computers, as the internet in a modern business and technological context, as to assist the students to legally analyze and it resolve legal issues in the information technology sector. Prerequisites: MGT 2150 or equivalent.

MGT 3900 Mgt Internship/Cooperative Ed. (3 credits)
Work placement (10-20 hours per week) for a period of 16 weeks in the student's major area of study or area of career interest. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credits toward degree, and permission from Director. Position must be approved by Career Services before student may register for this course. Student may enroll in this course more than one time.

MGT 3999 Prior Learning Credits in MGMT (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in the management. This course is repeatable up to 12 credits.

MGT 4100 Business Ethics (3 credits)
Examines the nature of morality and theories of normative ethics. Identifies a variety of ethical issues and moral challenges involving consumers, the environment, the professions, and the role of the corporation in our society. Prerequisite: Senior standing.

MGT 4170 Organizational Behavior (3 credits)
The class material will include both theory and practical application of Organizational Behavior in organizations. OB is the study of how individuals and groups impact the behavior within an organization. It is a field of systematic study that focuses on improving productivity, quality, and assisting practitioners to develop methods to empower people as well as to design and implement to change programs. We live in a world characterized by rapid change, globalization, and diversity. OB offers insights in these areas while providing guidance for managers in creating an ethically healthy work climate. Prerequisite: MGT 2050.

MGT 4880 Business Strategy and Policy (3 credits)
An integrative senior-year course in which the disciplines of management, finance, behavioral sciences, and marketing focus on the solution of business problems. Case studies will be employed in this course. Prerequisite: Senior-level standing,FIN 3010, and MKT 3050.

MGT 4910 Advanced Special Topics (3 credits)
Examines topics in management that are not included in regular course offerings. Specific content and possible prerequisites are announced in the course schedule for a given term. Students may reenroll for Special Topics covering different content. Prerequisites: MGT 2050 and MGT 4170.

MGT 4920 Advanced Special Topics (3 credits)
Examines topics in management that are not included in regular course offerings. Specific content and possible prerequisites may vary. Students may re-enroll for special topics covering different content.

MGT 4990 Independent Study in Business (3 credits)
The student designs and carries out an independent research project under faculty supervision. Prerequisite: written consent of instructor and division director.

MKT—Marketing

MKT 1999 Prior Learning Marketing (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Marketing. This course is repeatable up to 12 credits.

MKT 3050 Mkt Prin & Application (3 credits)
A focus on the marketing concept, and examination of a marketing oriented firm. Topics include consumer behavior, market analysis and the marketing mix. Students will produce a marketing plan.

MKT 3060 Buyer Behavior (3 credits)
This course introduces students to marketing concepts and theories developed in the behavioral and economic sciences (cultural anthropology, psychology, social-psychology, and sociology) as they relate to consumer and business markets. Students will examine models of consumer behavior and organizational buying. They will learn how these behaviors are influenced by principles of learning, motivation, personality, perception, and group influence. Frameworks of consumer and buyer behavior are discussed in the context of advertising/promotion, product management, and the development of effective marketing strategies. Prerequisite: MKT 3050.

MKT 3100 Marketing Services (3 credits)
Explores the marketing of services, highlighting the distinctions that exist in the marketing of intangibles. Presents strategies for marketing of services versus the

traditional product related marketing. Prerequisite: MKT 3050.

MKT 3250 Selling and Sales Management (3 credits)
This course focuses on the principles and practices of selling and sales management. Topics include promotional planning, personal selling, situational selling, negotiating skills, relationship management, and sales management. Students will complete a sales action plan for an approved product or service for their term project. Students will make sales presentation to the class and submit a written project including a sales management component at the end of the term. Prerequisite: MKT 3050.

MKT 3320 International Marketing (3 credits)
The course studies the scope of international marketing, the structure of multinational markets, foreign market research, international advertising and promotion, international distribution channels, international product policy, international pricing policy, and export/import management. Prerequisites: INB 3550 and MKT 3050.

MKT 3900 Mkt Internship/Coopertive Ed (3 credits)
Work placement (10-20 hours per week) for a period of 16 weeks in the student's major area of study or area of career interest. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credits towards degree, and permission from Director. Position must be approved by Career Services before student may register for this course. Student can participate in an internship a maximum of two semesters.

MKT 3999 Prior Learning Marketing (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Marketing. This course is repeatable up to 12 credits.

MKT 4100 Integrated Marketing Com (3 credits)
The Integrated Marketing Communication course introduces students to the concept and application of integrating the elements of advertising, sales promotion, public relations, direct marketing and other essentials of the marketing mix to support the overall marketing strategy. IMC allows marketers to effectively and efficiently reach prospects and retain customers with consistent brand messages in the context of fragmented media and increasing customer empowerment through the Internet. Emphasis will be placed on linking the fundamentals of segmentation, targeting, positioning, buyer behavior, and branding with planning, budgeting, and executing a comprehensive, integrated marketing communication program from message development through media selection. Prerequisite: MKT 3060.

MKT 4200 Internet Marketing (3 credits)
From the smallest local retailer to the giant multi-national, the Internet has changed how products and services are marketed. This course will examine the foundation, operation and implications of Internet marketing. Topics focus on how the Internet influences marketing activities and how market-driven organizations adapt to this new business environment. This course will explore the Internet's effect of strategic planning, marketing research, segmentation, target market selection, customer service and relationship building, personalization, customization, and marketing mix decisions. In addition, it will explore electronic data tools, legal and ethical issues, search engine optimization, and on-line communication/promotion including blogging, enriched e-mail, podcasting, social media, and website management. The course will also address marketing strategy issues when combining brick-and mortar with brick-and-click operations within a company and the evaluation of corporate websites. Prerequisites MKT 3060

MKT 4410 Business & High Tech Mkt (3 credits)
This course examines the distinct aspects of industrial (business-to-business) marketing and both the operational and strategic issues associated with the organizational buyer. Emphasis is placed on the special challenges of high technology markets that confront marketing managers and sales personnel. Using lectures and case studies, topics include: assessing industrial marketing opportunities, understanding the organizational buying process, and formulating industrial marketing strategies. Prerequisite: MKT 3060.

MKT 4500 Market, Supply, & Distrub Mgmt (3 credits)
Marketing today must understand, be involved in, and help manage the entire supply chain, from the purchase of raw materials or finished products through the distribution of products by all powerful channels of distribution such as the giant retailer, Wal-Mart. Managing this process can be the difference between making or losing money. This course examines marketing applications within the context of vertical supply chain management. The focus will be on the integration of marketing strategy from the bottom to the top of the supply chain. Topics will include collaborative planning, forecasting, distribution channels, logistics, retailing, e-tailing, e-purchasing, finding competitive advantage, value webs, and vendor management. Examples and case studies of important South Florida companies and leading global businesses will be used to demonstrate marketing applications and best practices. Prerequisite: MKT 3060

MKT 4510 Cust Value & Relationship Mkt (3 credits)
The Customer Value and Relationship Marketing course builds on the principle the customer is at the center of the firm's activity and that by delivering superior value and building long-term relationships the firm will be competitive and generate sales and profits. Every successful firm whether marketing to consumers or to businesses, has developed customer relationship strategies, tools, and processes to provide outstanding value to customers. The course approaches building customer value and relationships from three important perspectives. First, the course focuses on the customer using key marketing concepts such as saatisfaction, loyalty, retention and the strategies used to build these. Second, the course develops implementing customer relationship management from the organizational perspective across all functional areas and with special emphasis on sales and marketing. Third, the course introduces students to the importance of data management as a foundation of customer relationship management and marketing insight and the importance of evaluative tools to measure the progress of a customer

relationship program. The course will use lectures, discussions, case problems and written assignments. Prerequisite: MKT 3060

MKT 4600 Entrepreneurial Marketing (3 credits)
The successful entrepreneur if faced with the challenge of innovation and growth, often with limited resources. How innovation - in the form of new products, services, and business concepts - is brought to the marketplace will be explored using small and start-up businesses, new economy companies, and corporate entrepreneurial models. Coursework will include defining market opportunities, value propositions, target-marketing, positioning strategy, branding, promotion (including public relations and guerilla marketing), distribution, including the Web, pricing, and customer relationship management in the context of entrepreneurial setting, resources, and culture. Case studies will be used to exemplify the various steps in launching successful products, businesses and initiatives. The course will culminate in the preparation and presentation of a marketing plan geared to the entrepreneurial organization. Prerequisites: MKT 3060

MKT 4700 Marketing Research (3 credits)
This course outlines the fundamentals of research methodology and its application to the solution of marketing problems. Students are exposed to procedures and analytical tools for collection, analysis and interpretation of data for marketing decisions. Topics include: problem definition, research design, questionnaire construction, sampling, attitude scaling, statistical analysis, presentation and evaluation or research findings. A field research project may be included. Prerequisites: MKT 3060.

MKT 4710 Marketing Strategy (3 credits)
Examines marketing activities from the viewpoint of the marketing executives. Topics include strategic planning and policy formulations; the use of marketing research; test marketing of products; and inter-company coordination of pricing and promotion. Prerequisites: MKT 3060 and Senior-level standing.

MKT 4910 Advanced Special Topics in Mkt (3 credits)
Examines topics in marketing that are not included in regular course offerings. Specific content and prerequisites may vary. Students may re-enroll for special topics covering different content. Prerequisite: MKT 3060.

MUSC—Music

MUSC 1200 Piano I (3 credits)
A laboratory class designed to integrate aural and written theory through the development of keyboard proficiency. Prerequisite: permission of instructor.

MUSC 1250 Piano II (3 credits)
A laboratory class designed to further integrate aural and written theory through development of keyboard proficiency. Prerequisite: MUSIC 1200.

MUSC 1500 Beginning Voice (3 credits)
A performance-oriented course designed to introduce, develop and reinforce fundamental vocal skills and techniques.

MUSC 1800 Music Theory I (3 credits)
A course designed to introduce the study of music theory beginning with rhythm and pitch and progressing through melody and harmony.

MUSC 1850 Music Theory II (3 credits)
A course designed to examine harmonic structures including seventh and altered chords and modal scales. Prerequisite: MUSC 1800.

MUSC 1999 Prior Learning in Music (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in music. This course is repeatable up to 12 credits.

MUSC 2000 Music Performance Ensemble (3 credits)
Topics, which vary from semester to semester, focus on an introductory aspect of music, such as a particular genre or historical period. Students are required to participate in an NSU-sponsored music group as part of the course. Repeatable up to 12 credits. Prerequisite: Permission of instructor.

MUSC 2200 Applied Lessons I (1 credits)
Applied one-on-one studio lessons with student and instructor designed to address and correct faults, develop the ability to perform with appropriate musical style, and synthesize musical technique for aesthetic interpretation. Repeatable to 4 credits. Prerequisite: permission of instructor.

MUSC 2300 Intermediate Voice (3 credits)
A performance-oriented course designed to continue the development and further reinforce fundamental vocal skills and techniques. Prerequisite: MUSC 1500.

MUSC 2500 American Popular Music (3 credits)
This course traces the origin and influences of musical subgenres affecting American life. The course examines works of American popular music and their role in reflecting and shaping broader sociopolitical and cultural contexts. Prerequisite: COMP 1500.

MUSC 2800 Music Theory III (3 credits)
This course introduces formal structures and analysis of music. Instrumentation and the relation of the theory to practice will be covered. Prerequisite: MUSIC 1850.

MUSC 2850 Music Theory IV (3 credits)
An advanced study of music theory including 20th Century techniques, counterpoint, modulation, and composition. Prerequisite: MUSC 2800.

MUSC 2900 Vocal Diction (3 credits)
An introduction to German, Italian, French, and English diction through study of the International Phonetic Alphabet.

MUSC 3000 Musical Theatre (3 credits)
Explores the history of musical theatre and basic performance techniques. Students learn skills required to prepare, perform, and audition for musical theatre. Prerequisites: THEA 2020 and MUSC 1500.

MUSC 3200 Musicology I (3 credits)
An in-depth survey of the development of Western musical tradition from the birth of the opera (circa 1600) to the death of Mozart (1791). Musical form, theoretical practice, and performance style are examined as well as the influence of sociological change and technological advances on musical composition. Prerequisites: COMP 2000, 2010, 2020.

MUSC 3250 Musicology II (3 credits)
An in-depth survey of the development of Western musical tradition from the emergence of Beethoven through the 19th and 20th Centuries. Musical form, theoretical practice, and performance style are examined as well as the influence of sociological change and technological advances on musical composition. Prerequisites: COMP 2000, 2010, 2020.

MUSC 3300 Ensemble (1 credits)
A performance-based course in which a group of musicians (vocal or instrumental) perform together. Vocal ensemble may be a chorus or choir and instrumental ensemble may be an orchestra or band. Depending on the number of participants, an ensemble may be quartets, quintets, etc. Repeatable to 8 credits. Pass/Fail only. Prerequisite: audition or permission of instructor.

MUSC 3999 Prior Learning in Music (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in music. This course is repeatable up to 12 credits.

MUSC 4000 Conducting (3 credits)
A course designed to introduce the skills necessary to lead a musical ensemble. Prerequisite: MUSC 2850.

MUSC 4100 Composition/MIDI (3 credits)
This course is designed to study in detail contemporary composition techniques including free pentatonic music, pandiatonicism, impressionism, polytonality, tonal contradiction, and interval harmony. Composition of music in the digital domain, from the basic concepts behind synthesizers and sequencers to production techniques such as mixing, mastering and signal processing will be covered. Prerequisite: MUSC 1800.

MUSC 4200 Applied Lessons II (1 credits)
Applied studio lessons are advanced one-on-one sessions with students and instructor designed to address and correct faults, develop the ability to perform with appropriate musical style, and synthesize musical technique for aesthetic interpretation. Repeatable to 4 credits. Prerequisite: MUSC 2200 or permission of instructor.

MUSC 4500 Vocal Literature (3 credits)
This course will examine vocal literature from the standard repertoire including German lieder, French melodie, English, American, Italian, and Spanish Art Song. Prerequisite: MUSC 3200 or 3250.

MUSC 4600 Instrumental Literature (3 credits)
This course will examine instrumental literature from the standard repertoire for orchestra, chamber orchestra, string and wind ensemble. MUSC 3200 or 3250.

MUSC 4900 Special Topics in Music (3 credits)
An advanced course in a particular composer, composition, or musicological period. Specific focus to be announced. May be repeated once for credit if content changes and with written consent of division director. Prerequisites: one MUSC course and COMP 2000, 2010, or 2020.

MUSC 4950 Internship in Music (3 credits)
Internship in Music requires a 15-20 hour per week field or work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisite: cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and permission of division director. Repeatable to 6 credits.

MUSC 4990 Independent Study in Music (3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of division director required. Prerequisites: one MUSC course; and COMP 2000, COMP 2010, or COMP 2020.

NLAW—NV-School Law

NLAW 1000 Nevada School Law (2 credits)
Nevada School Law: This course is designed for transfer of credit for persons meeting the Nevada School Law, Nevada Constitution, and/or the U.S. Constitution course for Teacher Licensure. Students who fulfill this requirement have demonstrated compliance with the law requiring teachers to take the Nevada School Law course for licensure in the state of Nevada.

NUR—Nursing

NUR 1999 Prior Learning in Nursing (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning in nursing. This course is repeatable up to 12 credits.

NUR 3000 The Nurse as a Scholar (3 credits)
This course is designed to assist the adult learner make the transition to the university setting and the role of the nursing student. During the course, students will be introduced to skills that facilitate success in achieving their educational goals at NSU. Opportunities for writing, speaking, and library searches will be provided. Use of technology as a tool for learning and time management are additional skills that will be emphasized. The class will

involve active participation in cooperative group activities as well as individualized activities.

NUR 3010 The Nurse as a Professional (1 credits)
This course focuses on the role transition to professional nurse as provider of care, manager of care, and member of the profession. The responsiblities of the nurse as an advocate, provider, teacher, manager, researcher, and leader are explored. The student is introduced to the ethical and legal principles guiding the profession. The student will be expected to utilize written, oral, and electronic communication skills in transition to the professional nurse role.

NUR 3013 Tr Prof Nrsg (3 credits)
This course focuses on the role transition to professional nurse as provider of care, manager of care, and member of the profession. The students will explore the history of nursing and how society views the nursing profession. Ethical and legal principles guiding the nursing profession are introduced. The concepts of the Neuman Systems Model as a conceptual framework of nursing practice are investigated. Prerequisites: NUR 3000 and NUR 3030.

NUR 3020 Theoretical Foundations (3 credits)
This course focues on the acquisition, evaluation, utilization, and interpretation of information designed to link Newman's Systems Model as a foundation for nursing practice. Selected behavioral, social, biomedical, learning, health promotion, and family theories impacting nursing practice will be explored as a basis for understanding self and others as individuals, families, groups and communities. Contemporary trends in theory development will be introduced.

NUR 3029 Found of Health Assess (3 credits)
This course introduces beginning students to the foundational health assessment skills emphasizing data collection among the five variables of Neuman's Systems Model. Students will be expected to utilize beginning assessment skills in identifying pertinent data as it relates to physiological, psychological, sociocultural, spiritual and developmental variables. Students will use this data to identify stressors in assigned clients and develop appropriate primary, secondary and tertiary nursing preventions/interventions to attain, maintain, or retain lines of defense with an emphasis on health promotion for these clients. Contemporary trends in nursing practice and legal and ethical issues pertaining to health assessment will be introduced.

NUR 3030 Health Assessment (3 credits)
This course focuses on health assessment skills, emphasizing data collection among the five variables of Neuman's Systems Model. Students will be expected to use assessment skills in identifying pertinent data as it relates to physiological, psychological, sociocultural, spiritual, and developmental variables. Students will use this data to identify stressors in assigned clients and develop appropriate primary, secondary, and tertiary nursing preventions/interventions to attain, maintain or retain lines of defense with an emphasis on health promotion for these clients. Contemporary trends in nursing practice and legal and ethical issues pertaining to health assessment will be explored.

NUR 3031 Pathophysiology (3 credits)
This course emphasizes the physiological variable and incorporates the psychological, sociocultural, spiritual and developmental variables included in the Neuman's Systems Model. The student will integrate and apply pathophysiological concepts to client care in the development of primary, secondary, and tertiary interventions to attain, maintain and retain the health state. The focus will be on maintaining lines of defense and stressors that penetrate the lines of resistance that cause instability in the client system. Contemporary trends, legal and ethical issues and health promotion concepts pertaining to pathophysiological stressors will be explored.

NUR 3032 Found of Pathophys (3 credits)
This course introduces the student to concepts in pathophysiology emphasizing the physiological variable and incorporates the psychological, sociocultural, spiritual and developmental variables included in the Neuman's Systems Model. The student will begin to integrate and apply pathophysiological concepts to client care. The focus will be on stressors that penetrate the lines of resistance and cause instability in the client system. Contemporary trends, legal and ethical issues and health promotion concepts pertaining to pathophysiological stressors will be introduced.

NUR 3040 Legal Issues in Health Care (1 credits)
This seminar course focuses on the legal principles and issues affecting professional nurses. The course emphasizes the concepts needed to make sound decisions in daily nursing practice and cope with radical changes in health care. Topics discussed include malpractice liability, patient rights, legal responsibilities and risks nurses face in practice, legal obligations with documentation, and changes in nursing practice in managed care.

NUR 3050 Nursing Research (3 credits)
This course introduces concepts of critical analysis and outcomes research. Students will analyze the scientific merit of quantitative and qualitative research reports with an emphasis on application to, and implication for, evidence based nursing practice in as it relates to primary, secondary and tertiary preventions/interventions. Students will also be exposed to the contemporary trends and legal and ethical issues guiding the research process.

NUR 3130 Foundations (6 credits)
This course introduces the entry level student to the culture and practice of nursing. It examines the holistic concepts of individuals, environment, health and nursing. It focuses on system variables of an individual including the physiological, psychological, social, cultural, cognitive and spiritual domains. The important themes of primary, secondary, and tertiary prevention-as-intervention modalities; the client system's reaction to interpersonal, intrapersonal and extrapersonal stressors; and critical thinking are integrated throughout the course to prepare the students for practice. Students are introduced to health prmotion, the legal and ethical issues, and contemporary

trends in health care that impact nursing practice. The course provides fundamental nursing concepts, skills and techniques of nursing practice and a firm foundation for more advanced areas of study.

NUR 3160 Intro to Prof Nurs (3 credits)
This course introduces the student to the roles of the professional nurse including provider of care, manager of care, advocate, teacher, researcher, leader and member of the profession. The history of nursing and how society views the nursing profession are discussed. The student is introduced to the concepts of the Neuman's Systems Model as a theory of practice, as well as ethical and legal principles, medical terminolgoy, socio-cultural concepts, and political principles guiding the profession.

NUR 3170 Informatics (3 credits)
This course is designed to introduce students to the emerging field of nursing informatics. Students will integrate computer technology and information science to identify, gather, process, and manage healthcare information. Hardware, software, databases, communications application, computer developments, and associated legal and ethical issues are addressed. Contemporary trends in health care informatics applications will be explored. Students learn how nurses can assess, develop, and use information systems to work more efficiently, allocate resources more effectively, and improve client care. Focus on technologies in healthcare, nomenclatures and classification systems, health care documentation, electronic medical records, and Web-based technologies for health care.

NUR 3175 Nrsng Tdy Hlthcre Envirnmnt (3 credits)
This course explores contemporary trends in health care delivery system and professional nursing practice. Students will integrate knowledge from preveious courses further exploring health care system quality and safety, evidenced-based practice, technology, informatics, and the nurse's role in today's healthcare delivery system. This course examines the relationships between quality care, cost of care, and saftey as well as the regulatory effects on patient care and cost. Students will develop skills to address relevant issues within today's health care delivery system. Trends in healthcare informatics are explored and the effects of nursing informatics on communication and safety will be analyzed.

NUR 3180 Primary Concepts (6 credits)
This course integrates nursing theory and practice using the nursing process and the Neuman Systems Model to promote health restoration and preservation after penetration of the lines of resistance. The focus is on adults and older adults experiencing medical surgical stressors affecting physiologica, psychological, sociocultural, spiritual and developmental stability. Topics covered include adult development and illness, perioperative nursing and care of adults experiencing stressors of selected body systems. This course will include both a clinical and didactic component.

NUR 3190 Pharmacology (3 credits)
This course focuses on the basic principles of pharmacology and therapeutics necessary for nursing practice throughout the lifespan. Concepts of drug efficacy, pharmacokinetics, mechanism of action and drug interaction will be examined as they apply to primary, secondary and tertiary prevention to assist clients to retain, attain or maintain optimal system stability. Contemporary trends in administration and delivery of pharmacological therapies will be addressed. Emphasis will be placed on the pharmacological action of drugs on specific organ systems.

NUR 3191 Pharm Bas for Nurs Interven I (2 credits)
This course focuses on the basic principles of pharmacology and therapeutics necessary for nursing practice throughout the lifespan. Concepts of drug efficacy, pharmacokinetics, mechanism of action and drug interaction will be examined as they apply to primary, secondary and tertiary prevention to assist clients to retain, attain or maintain optimal system stability. Contemporary trends in administration and delivery of pharmacological therapies will be addressed. Emphasis will be placed on the pharmacological action of drugs on specific organ systems. Medications used in the treatment of gastrointestinal, hematological, immune, endocrine, and renal disorders will be explored.

NUR 3192 Pharm Bas for Nurs Interven II (2 credits)
This course focuses on the basic principles of pharmacology and therapeutics necessary for nursing practice throughout the lifespan. Concepts of drug efficacy, pharmacokinetics, mechanism of action and drug interaction will be examined as they apply to primary, secondary and tertiary prevention to assist clients to retain, attain or maintain optimal system stability. Contemporary trends in administration and delivery of pharmacological therapies will be addressed. Emphasis will be placed on the pharmacological action of drugs on specific organ systems. Medications used in the treatment of cardiovascular, respiratory, neurological, and musculoskeletal disorders will be explored.

NUR 3200 Biostatistics (3 credits)
This course introduces biostatistical methodology and applications that can be used to draw practical conclusions regarding empirical data pertaining to nursing and patient care. Concepts, techniques, and methods used in the description and analysis of data and statistical inference are presented. Statistical topics studied include frequency distributions, measures of central tendency (descriptive statistics), statistical graphs and charts, binomial and normal distributions, probability, confidence intervals, ANOVA, hypothesis testing and correlation.

NUR 3250 Psychiatric Nursing (4 credits)
This course applies nursing and practice using physiological, psychological, sociocultural, spiritual and developmental theories to develop primary, secondary and tertiary interventions to attain and maintain optimal mental wellness across the life span. The focus is on designing nursing strategies that support the flexible lines of defense and strengthen the lines of resistance reducing symptomatology following a reaction to stressors. Contemporary trends in treatment and mental health

promotion will be emphasized. The legal and ethical issues pertaining to intrapersonal, interpersonal, and extrapersonal stressors of the psychological variable will be discussed. Students will also reflect on their own behaviors and methods of communication. This course will iclude both a clinal and didactic component. Pre-Requisites: Satisfactory completion of all prior clinical didactic courses

NUR 4010 Contemporary Nursing Trends (1 credits)
This course explores a variety of nursing opportunities in the twenty-first century. Students will investigate the expanding scope of nursing and opportunities available to them upon completion of the BSN degree.

NUR 4020 Nurse as Leader and Manager (3 credits)
This theory based nursing course is designed to assist the registered nurse to strengthen existing knowledge. The student will develop and apply new knowledge and skills in leadership, management and administration of health care within the homes, school, and industry, acute care, long term care, and community agencies.

NUR 4030 Health Care Business (3 credits)
Using the concepts of Neuman's Systems Model, this course views health care services industry and how it affects today's nurse manager role. Students examine the principle of financial accounting and budgeting. This course presents the concepts of cost and revenue, basic vocabulary, processes, functions, and reports commonly seen in health care environments. This includes types of budgets and considerations for and use of human and material resources. Contemporary trends in financial health care management and the legal and ethical implications of the financial constratints of the health care environment willl be explored.

NUR 4040 Community Nursing (3 credits)
This course provides the foundation for developing and using Newman's System Model iand epidemiological theory and concepts in planning and implementing primary, secondary and tertiary levels of prevention for at-risk aggregtes and communities. It focuses on the process of conceptualizng individuals, families, groups, and communities within their environment. Students will learn to facilitate health care delivery to aggregates and communities of divers cultures utilizing effective communication, negotiation, problem solving skills, and collaboration with the interdisciplinary health care team and members of the community. Students will deomonstrate an ability to evaluate health and wellness within primary, secondary, and tertiary levels of prevention using Neuman's System Model and principles of evidence-based practice. Students will examine the economic, sociocultural, and ethical influcnecs on community-based nursing practice. Contemporary trends in community-bsed nursing practice will be discussed.

NUR 4050 Community Based Practicum (3 credits)
This course provides the foundation for developing and using Neuman's Systems Model in planning and implementing primary, secondary and tertiary levels of prevention for at-risk aggregates and communities. It focuses on the process of conceptualizing individuals, families, groups and communities within their environments. Students will learn to facilitate health care delivery to aggregates in communities of diverse cultures using effective communication, negotiation, problem solving skills, and collaboration with the interdisciplinary health care team and members of the community. Students will demonstrate an ability to evaluate health and wellness within primary, secondary, and tertiary levels of prevention utilizing Neuman's System Model and principles of evidence-based practice. Contemporary trends in community-based nursing practice will be discussed. Students will also examine the economic, sociocultural, legal and ethical influences on community-based nursing practice.

NUR 4060 RN to BSN Directed Study (3 credits)
Students select an area of study in cooperation with the course advisor and/or department coordinator. The project may include such items as work-related studies, program development, grant proposals and/or planning documents. A comprehensive paper will be developed and delivered according to the NSU Nursing requirements for written assignments. Student must receive departmental and advisor approval in order to be allowed to register for this course.

NUR 4061 Directed Study (1 credits)
Students select an area of study in cooperation with the course advisor and/or Program Director. The project may include work-related studies, program development, or investigation of a subject of interest. A presentation will be developed and delivered according to the NSU Nursing requirements for written assignments and presentations. Student must receive departmental approval in order to be allowed to register for this course.

NUR 4070 RN to BSN Directed Practicum (3 credits)
Students develop learning objectives and methods of demonstrating outcomes related to clinical practice in cooperation with the course advisor and/or department coordinator. Student must receive departmental and advisor approval in order to be allowed to register for this course.

NUR 4100 Adv Theor Foun Nrsng (3 credits)
This course explores the diverse nature of knowledge, values and beliefs foundational to professional nursing practice. The relationship of theories form nursing as well as various other fields to science, research, and practice is analyzed with an emphasis on understanding the development, testing and use of theory to promote high quality health care. Models, theories, paradigms and philosophies are examined through critical inquiry to facilitate development of a framework for graduate nursing practice.

NUR 4110 Adult Nursing II (6 credits)
This course integrates nursing theory and practice using the nursing process and the Neuman Systems Model to promote health restoration and preservation after penetration of the lines of resistance. The focus is on adults and older adults experiencing medical surgical stressors affecting physiological, psychological, sociocultural,

spiritual, and developmental stability. Topics covered include physiological, psychological, spiritual and developmental responses to complex stressors of selected body systems. This course will include both a clinical and didactic component.

NUR 4120 Adult Nursing III (6 credits)
This course integrates nursing theory and practice based on the Neuman's Systems Model with an emphasis on secondary and tertiary intervention. The focus is on adults and older adults experiencing acute and chronic multisystem stressors affecting physiological, psychological, sociocultural, spiritual and developmental stability. Students will apply previously learned theoretical concepts and critical care skills in complex settings. This course will include both a clinical and didactic component. Contemporary trends, legal and ethical issues, and health promotion will be emphasized as it pertains to the care of clients with multiple needs. This course will include both a clinical and didactic component.

NUR 4130 Maternal-Child (5 credits)
This course integrates nursing theory and evidence-based practice using the nursing process and Neuman's Systems Model to provide primary, secondary and tertiary prevention/intervention to women, children and families with emphasis on child-bearing and family-centered developmentally supportive care in a variety of settings. Students will develop and implement nursing care for the pregnant individual, children, and families synthesizing theoretical and empirical knowledge of the arts, sciences, humanities, and nursing discipline recognizing recognizing the influences of historical, ethical, technical and legal aspects of nursing's current and evolving practice. Contemporary trends in family and women's health will be discussed. The legal and ethical issues pertaining to women, children and families will be explored. This course will include both a clinical and didactic component.

NUR 4150 Community Nursing (4 credits)
This course provides the foundation for developing and using Neuman's System Model in planning and implementing primary, secondary, and tertiary levels of prevention for individuals, families, and communities. It focuses on the process of conceptualizing individuals, families, groups and communities within their environments. Students will learn to facilitate health care delivery to aggregates and communities of diverse cultures utilizing effective communication, negotiation, problem solving skills and collaboration with the interdisciplinary health care team and members of the community. Students will demonstrate an ability to evaluate health and wellness within primary, secondary, and tertiary levels of prevention utilizing Neuman's System Model and principles of evidence-based practice. Contemporary trends in community-based nursing practice will be discussed. Students will examine the economic, sociocultural, and ethical influences on community-based nursing practice.

NUR 4160 Genetics for Nrsg Prac (2 credits)
This course will focus on providing students with a fundamental understanding of human genetics and its role in pathophysiology, diagnosis and management of disease. Students will be introduced to basic concepts in human genetics that contribute to an understanding of nursing or related health care problems, as well as apply knowledge of inheritance and immunogenetics in predicting the possible effect of genetics on disease processes. This course will also discuss the ethical, political and economic impact of selected genetic diseases, DNA-based genetic diagnosis, and gene therapy.

NUR 4165 Ethical Legal Soc Iss Nrsg (3 credits)
This course focuses on ethical theory, principles, and models for decision making in nursing. Students evaluate individual, family, community and health care situations and determine appropriate actions within an ethical framework respecting personal values and beliefs. Implications of decisions are explored in relation to legal, economic, environmental. technological, and cultural issues. The issues of poverty and public health as they relate to the WHO (1978) definition of primary health care will be addressed. Human diversity, societal issues and cultural competence are emphasized.

NUR 4175 Hlthcre Pol Org Finance (3 credits)
This course is designed to provide present and future nurse leaders with an understanding of health care policy, organization, and finance. Students evaluate the quality of care in a variety of health care systems, recognizing the relationship between these issues as essential components to improve client outcomes and eliminate health disparities. Political advocacy and the health policy change process will be explored. Acute care and community health care delivery systems will be analyzed from a leadership perspective. Management, budget, cost effectiveness and fiscal accountability will be addressed. Prerequisite: NUR 4030

NUR 4180 Nursing Practicum (6 credits)
This seminar/clinical capstone synthesizes all previously learned knowledge, integrating the concepts of physiological, psychological, sociocultural, developmental, and spiritual variables as they pertain to client care. The student will focus on the synthesis and integration of complex concepts of nursing knowledge related to clinical practice and leadership and management skills. Within the seminar setting, students will apply Neuman's Systems model to identify client stressors and discuss ways to develop primary, secondary,a nd tertiary prevention/intervention strategies to attain, maintain and retain stability within client care systems. Students will apply leadership skills and client care management theories in delegating, supervising, and evaulatin other members of the health care team. The student will work with a registerd nurse preceptor and other members of the health care team.

NUR 4900 Brdg Prof Nur Conc (6 credits)
This six credit course is designed to assist the registered nurse with a non-nursing bachelor's degree to develop the knowledge and skills to transition into the Masters of Science in nursing (M.S.N.) program. The student will build upon current nursing experience and knowledge as well as previous baccalaureate education in order to demonstrate

recommended competencies in baccalaureate nursing prior to beginning M.S.N. course work.

NUT—Nutrition

NUT 3000 Nutrition (3 credits)
This course explores the various nutrients, their sources, digestion, absorption, metabolism, interaction, storage, and excretion. Current research is presented against a background of basic nutritional concepts. Special emphasis is given to the role nutrition plays in the current health care delivery system and how nutrition can be implemented in health promotion and health maintenance.

OPS—Operations Management

OPS 1999 Prior Learning Credits OPS MGT (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Operations Management. This course is repeatable up to 12 credits.

OPS 3880 Operations Management (3 credits)
A problem-oriented course in production and operations management. Topics include inventory control, production control, quality control, services management, and facilities management and control. Prerequisite: MATH 3020.

OPS 3999 Prior Learning Credits OPS MGT (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Operations Management. This course is repeatable up to 12 credits.

PHIL—Philosophy

PHIL 1010 Introduction to Philosophy (3 credits)
An introduction to the nature of philosophy, philosophical thinking, major intellectual movements in the history of philosophy, and specific problems in philosophy. Prerequisite: COMP 1500

PHIL 1400 Introduction to Logic (3 credits)
A study of the principles and evaluation of critical thinking including identification and analysis of fallacious, as well as valid reasoning. Traditional and symbolic logic will be considered and foundations will be laid for further study in each area. Prerequisite: COMP 1500.

PHIL 1999 Prior Learning in Philosophy (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in philosophy. This course is repeatable up to 12 credits.

PHIL 2000 Moral Issues (3 credits)
This course provides an introduction to moral reasoning through a philosophical examination of important ethical concepts, such as ethical theory, relativism, egoism, and virtue. Topical moral problems such as world hunger, abortion, and animal rights (among others) will be used as illustrative examples. Students will be introduced to the idea that ethical problems are largely a matter of reason and that progress toward solutions can be gained through an application of normative ethical (philosophical) theory. Prerequisite: COMP 1500.

PHIL 2400 Symbolic Logic (3 credits)
Rigorous analyses of the concepts of proof, consistency, equivalence, validity, implication, and truth as exemplified in propositional logic and predicate logic. Prerequisite: COMP 1500.

PHIL 3010 Ethical Issues in Communication (3 credits)
This course provides an introduction to moral reasoning through a philosophical examination of major ethical problems in communications, such as those encountered by media professionals; conflicts of interest, morally offensive content, media influences on anti-social behavior, confidential sources, privacy, truth and honesty in reporting, among others. Student will be introduced to the idea that ethical problems are largely a matter of normative ethical (philosophical) theory. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

PHIL 3180 Biomedical Ethics (3 credits)
This course provides an introduction to moral reasoning through a philosophical examination of major problems in biomedical ethics, such as abortion, euthanasia, allocation of resources, medical experimentation, genetic engineering, confidentiality, among others. Students will be introduced to the idea that ethical problems are largely a matter of reason; that progress toward solutions can be gained through an application of normative ethical (philosophical) theory. Prerequisite: COMP 2000, COMP 2010 or COMP 2020.

PHIL 3180H Biomedical Ethics Honors (3 credits)
This course provides an introduction to moral reasoning through a philosophical examination of major problems in biomedical ethics, such as abortion, euthanasia, allocation of resources, medical experimentation, genetic engineering, confidentiality, among others. Students will be introduced to the idea that ethical problems are largely a matter of reason, that progress toward solutions can be gained through an application of normative ethical (philosophical) theory. Prerequisite: COMP 2000, COMP 2010, or COMP 2020. Honors students only.

PHIL 3200 Ethics and Sport (3 credits)
This course provides an introduction to moral reasoning through a philosophical examination of major problems in sports, such as the nature of sportsmanship, drugs, violence, commercialization, and gender equality, among others. Students will be introduced to the idea that ethical problems are largely a matter of reason; that progress toward solutions can be gained through an application of normative ethical (philosophical) theory. Prerequisite: COMP 2000, COMP 2010 or COMP 2020.

PHIL 3220 Philosophy of Science (3 credits)
A study of the conceptual foundations of modern science. The course focuses on the philosophical analysis of

scientific method and its basic concepts and assumptions. Prerequisite: COMP 2000, 2010, or 2020.

PHIL 3360 Environmental Ethics (3 credits)
This course provides an introduction to moral reasoning through the philosophical examination of major problems in environmental ethics, such as the relationship between human beings and living and non-living environments, controlling nature, and land use, assessing risk, responsibility to future generations, and the role of science, among others. Students will be introduced to the idea that ethical problems are largely a matter of reason; that progress toward solutions can be gained through an application of normative ethical (philosophical) theory. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

PHIL 3510 Ancient Philosophy (3 credits)
A study of the classic works of philosophy focusing on Plato and Aristotle, and might include discussion of various Pre-Socratic and Hellenistic philosophers. The emphasis throughout will be on understanding, analyzing, and evaluating arguments of the philosophers. Prerequisite: COMP 2000, 2010, or 2020.

PHIL 3520 Modern Philosophy (3 credits)
A study of the classic works of philosophy focusing on the rationalists, the empiricists, and Kant. The emphasis throughout will be on understanding, analyzing, and evaluating arguments of the philosophers. Prerequisite: COMP 2000, 2010, or 2020.

PHIL 3660 Philosophy of Law (3 credits)
A critical examination of basic analytic and normative questions pertaining to law. The course may include such topics as the nature of law, law and morality, legal responsibility, civil disobedience, and the justification of punishment. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

PHIL 3670 Social and Political Philosophy (3 credits)
This course will examine significant philosophical contributions to an understanding of politics and society. Among the questions it will address are: What is the nature and basis of the state? Which form of government is best? How do we determine whether political institutions are just? What conceptions of human nature underlie various political philosophies? How are social goods and burdens justly divided? This course will draw from classical, modern, and contemporary sources in political philosophy. Prerequisite: COMP 2000, 2010, or 2020.

PHIL 3999 Prior Learning in Philosophy (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in philosophy. This course is repeatable up to 12 credits.

PHIL 4000 Philosophy of Art (3 credits)
Philosophy of Art: This course examines philosophical thinking about the nature of art and its relation to other human experiences. Among the topics considered are the aesthetic experience, the relation between morality and art, the beautiful, sublime, taste, and creativity. The course also critically considers different approaches that might make possible an aesthetic theory and a range of categories that would define aesthetic experience. Prerequisite: one PHIL course and COMP 2000, 2010 or 2020.

PHIL 4900 Special Topics in Philosophy (3 credits)
A careful and critical study of one or more of the outstanding works in philosophy and/or an in-depth study of one philosophical issue. May be repeated once for credit if content changes and with written consent of division director. Prerequisites: one PHIL course; and COMP 2000, COMP 2010, or COMP 2020.

PHIL 4990 Independent Study in Philosophy (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: one PHIL course; and COMP 2000, COMP 2010, or COMP 2020.

PHS—Physiology

PHS 5904 Advanced A & P (5 credits)
The anatomy and physiology component is an intensive study of the human body and introduces the student to the macroscopic structure of the human body by using a regional approach. The course emphasizes the correlation between anatomical structure and function, clinical application, and usage of correct anatomical terminology. Topics include cellular anatomy with an emphasis placed on the structural organization of the integument, musculoskeletal, cardiovascular, respiratory, digestive, renal, reproductive, and nervous systems. Students apply these concepts in the anatomy laboratory setting using resources such as cadaver dissection, radiographs, MRI CT scans. The pathophysiology component is a comprehensive study of normal human physiology and focuses on the properties of living cells and tissues and the function of organ systems. Emphasis is placed on integration and control of systems with correlation to anatomical principles.

PHYS—Physics

PHYS 1020 Concepts in Physical Science (3 credits)
This course is designed to introduce the student to the basic concepts of physical science. By surveying the fundamentals of physics and related sciences the student will obtain an appreciation of the basic tenets of science in general. The emphasis will be on the nature of science as a creative human enterprise, the key role that it plays in modern society, its relationship to technology and thereby to the environment, its open-ended character as reflected in the dynamic nature of scientific concepts, and the human qualities of scientists and their social responsibility. Prerequisite: MATH 1030 or higher and COMP 1000 or higher.

PHYS 1021 Concepts in Science Lab (1 credits)
This laboratory course connects science with teaching and the real world. Students are taught how to convert scientific

themes into investigative packets for the curious nature of the elementary/middle school child. The lab uses easily accessible equipment and supplies. Prerequisites: BIOL 1100 and PHYS 1020. PHYS 2160 is recommended as either a corequisite or prerequisite.

PHYS 1060 Introduction to Oceanography (3 credits)
Examination of the physical, chemical, biological, and geological properties of the world's oceans. The interdisciplinary approach will introduce concepts important in understanding the development and current status of oceanographic research for the nonscience major.

PHYS 1500 Introduction to Astronomy (3 credits)
General survey of main topics in astronomy, including the sun/planets, the solar system, galaxies/nebulae, black holes/neutron stars, stellar evolution, and cosmology.

PHYS 1999 Prior Learning Credit in Physics (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in physical sciences. This course is repeatable up to 12 credits. Prerequisite: approval of director.

PHYS 2050 Physical Geology/Lab (4 credits)
Study of the Earth, its materials, surface, interior features and processes of formation and change. Includes laboratory sessions.

PHYS 2150 Historical Geology/Lab (4 credits)
Study of the Earth's history through geologic time and its major geologic periods, formations, and evolution as evidenced through the fossil record. Prerequisites: BIOL 1500 and BIOL 1510.

PHYS 2160 Essentials of Earth and Space Science (3 credits)
This course will cover topics from earth science, including the basic concepts needed to understand geology, oceanography, the atmosphere, the weather, and earth history. Topics from space science will include the sun, planets, solar system, the galaxy and larger structures, the composition and evolution of stars, cosmology, and exotic objects such as quasars and black holes. Prerequisite: PHYS 1020.

PHYS 2161 Essentials of Earth and Space Science Lab (1 credits)
This laboratory series connects science with teaching of the real world. Students are taught how to convert scientific themes into investigative packets for the curious nature of the middle school student. The lab will be taught in a format that utilizes easily accessible equipment/supplies and uses resources that are generally available within the community. Laboratory exercises connect earth science with geologic time periods, fossilization, mapping, weathering, and identification of major groups of rock and minerals. Laboratory exercises are also created to foster an understanding of the solar system and universe through star mapping, analyzing data from NASA images, and connections between the physical attributes of Earth and her sister planets.

PHYS 2350 General Physics I/Lab (4 credits)
First of a two-part series covering mechanics, thermodynamics, vibrations, and waves. Includes laboratory sessions. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 1250 or MATH 2100.

PHYS 2351 General Physics I (3 credits)
First of a two-part series covering mechanics, thermodynamics, vibrations, and waves. This course does not include a lab. Prerequisite: MATH 1250.

PHYS 2352 General Physics I Lab (1 credits)
First of a two-part laboratory session covering mechanics, thermodynamics, vibrations, and waves. Prerequisites: MATH 1250 and division approval.

PHYS 2360 General Physics II/Lab (4 credits)
Second of a two-part series covering electricity and magnetism, optics, and modern physics. Includes laboratory sessions. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: PHYS 2350 and MATH 1250 or MATH 2100.

PHYS 2361 General Physics II (3 credits)
Second of a two-part series covering electricity and magnetism, optics, and modern physics. The course does not include a lab. Prerequisites: MATH 1250 and PHYS 2350.

PHYS 2362 General Physics II Lab (1 credits)
Second of a two-part laboratory session covering electricity and magnetism, optics, and modern physics. Prerequisites: MATH 1250 and division approval.

PHYS 2400 Physics I/Lab (4 credits)
Basic principles of mechanics, including vectors, force, equilibrium, displacement, velocity, acceleration, mass, Newton's Laws, work energy, gravitation, momentum, rotational motion, mechanics of systems of particles and rigid bodies. Includes laboratory sessions. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisite: MATH 2200.

PHYS 2500 Physics II/Lab (4 credits)
Calculus based physics includes electrostatics, electric currents, electric fields and electric potential, AC and DC circuits, magnetic fields, capacitance, inductance, and electromagnetic waves. Includes laboratory sessions. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: PHYS 2400 and MATH 2200.

PHYS 3100 Introduction to Biophysics (3 credits)
Applications of basic physical principles to problems in biology and medicine. Topics include mechanical aspects of the skeletal and muscular systems, fluid mechanics, osmosis and diffusion, effects of radiation on living

systems, metabolism, medical imaging, the physics of sight and hearing, and the electrical properties of the nervous system and heart. Prerequisites: BIOL 1500 and prerequisite or corequisite PHYS 2360.

PHYS 3300 Fundamentals of Optics (3 credits)
This is an introductory optics course suitable for students without a calculus background. It covers the fundamental principles of geometrical and physical optics with some emphasis on the optics of vision. It also serves as an introduction for students of optometry and related sciences. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: MATH 1250 or MATH 2100 and PHYS 2350 or PHYS 2360 or PHYS 2400 or PHYS 2500.

PHYS 3500 Introduction to Mechanics (3 credits)
This course covers basic topics in the mechanics of systems of particles and rigid bodies. Topics covered include vectors, rectilinear and planar motion, non-inertial coordinate systems and fictitious forces, oscillations, three-dimensional motion, gravity, central forces, and Lagrangian mechanics. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: PHYS 2500 or PHYS 2360, and MATH 2200.

PHYS 3600 Introduction to Electromagnetic Fields (3 credits)
This course covers the fundamentals of electromagnetic theory. Topics covered include vector calculus, electrostatics, magnetostatics, solutions of Laplace and Poisson equations, electric and magnetic fields inside matter, Maxwell's equations, and electromagnetic waves. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: PHYS 2500 or PHYS 2360 and MATH 2200.

PHYS 3700 Modern Physics (3 credits)
This is an introductory modern physics course suitable for students without a calculus background. It will cover special relativity, quantum mechanics, nuclear, and particle physics. The concepts will be applied to a variety of situations, including some in the field of medicine. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: MATH 1250 or MATH 2100 and PHYS 2360 or PHYS 2500.

PHYS 3750 Modern Physics II (3 credits)
Continuation of PHYS 3700. This course covers introductory quantum mechanics, including Hilbert spaces, the Schrodinger equation, spin, and perturbation theory. Applications to one-dimensional problems, the harmonic oscillator, and the hydrogen atom are included. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: PHYS 3700 and MATH 2200.

PHYS 3800 Introduction to Elementary Particle Physics (3 credits)
Introduction to particle physics, covering topics that include group theory, properties of elementary particles, the electromagnetic, strong and weak nuclear interactions, gauge theories, and unification. This course has been exempted from the requirements of the Writing Across the Curriculum policy. Prerequisites: PHYS 3700 and PHYS 3750.

PHYS 3999 Prior Learning Credit in Physics (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in physical sciences. This course is repeatable up to 12 credits. Prerequisite: approval of director.

PHYS 4900 Special Topics in Physics (1-3 credits)
Topics in physical science that are not included in regular course offerings and may be taken without prerequisites. Special content is announced in the course schedule for a given term. Students may re-enroll for special topics covering differing content.

PHYS 4950 Internship in Physics (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

PHYS 4990 Independent Study in Physics (1-12 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: to be determined by the faculty and division director.

POLS—POLS-Politics & Public Affairs

POLS 1010 American Government and Politics (3 credits)
An introduction to the processes of the American national and local forms of government. Included are the nature and structure of government, its characteristics and functions, and the intimate relation of government to other interests.

POLS 1999 Prior Learning in Politics and Public Affairs (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in politics and public affairs. This course is repeatable up to 12 credits.

POLS 2010 Comparative Government (3 credits)
This course will examine the elements of foreign political systems such as constitutions, political parties, institutions, historical development, and ideology using the United States as a frame of reference. Attention will be given to how legislation is enacted, how elections are conducted, and the relationship between the judicial, executive, and legislative branches of government.

POLS 3010 Politics of Modern Ireland (3 credits)
This course offers an overview of the political history of Modern Ireland, from 1800 to the present, and an introduction to the political system of the Republic of

Ireland. The course will pay particular attention to the legacy of British rule in Ireland, the role of nationalism in shaping Irish politics, and the impact of Irish membership in the European Union on the Irish political system. Prerequisites: COMP 2000 or 2020; POLS 2010.

POLS 3999 Prior Learning in Politics and Public Affairs (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in politics and public affairs. This course is repeatable up to 12 credits.

POLS 4900 Special Topics in Politics and Public Affairs (3 credits)
An advanced course in selected topics in politics/public affairs. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one POLS course and COMP 2000, 2010, or 2020.

POLS 4990 Independent Study in Politics and Public Affairs (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One POLS course and COMP 2000, COMP 2010 or COMP 2020.

PSYC—Psychology

PSYC 1000A Carl Rogers: On Becoming a Person (1 credits)
This one-credit seminar course will introduce students to one of the most widely read and influential works of psychology, Carl Rogers' On Becoming a Person. No previous preparation is presupposed. Students will be graded on a pass/fail basis only.

PSYC 1020 Introduction to Psychology (3 credits)
An introduction to theory, research, and applications in the field of psychology. Topics include biological bases of behavior, perception, learning and memory, psychological development, personality, social psychology, and the identification and treatment of mental illness.

PSYC 1020H Introduction to Psychology Honors (3 credits)
An introduction to theory, research, and applications in the field of psychology. Topics include biological bases of behavior, perception, learning and memory, psychological development, personality, social psychology, and the identification and treatment of mental illness. Prerequisite: Honors Pass Only.

PSYC 1410 Personal Career Development (3 credits)
The process of career development applied to oneself: identifying vocational interests and aptitudes, obtaining information about occupations, and establishing career plans. Useful for students adjusting to the college role.

PSYC 1999 Prior Learning in Psychology (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning in psychology. This course is repeatable up to 12 credits.

PSYC 2000 Introduction to the Counseling Profession (3 credits)
Overview of the history and foundational aspects of counseling including legal aspects, the importance of the helping relationship, basic skills, requirements for working in specific settings, and the expertise needed for working with special populations.

PSYC 2110 Human Sexuality (3 credits)
Anatomy/physiology of the human sexual system, human sexual response, the range of sexual behaviors, and sources of attitudes and beliefs about sexuality.

PSYC 2110H Human Sexuality Honors (3 credits)
Anatomy/physiology of the human sexual system, human sexual response, the range of sexual behaviors, and sources of attitudes and beliefs about sexuality. Honors students only.

PSYC 2330 Interpersonal Communication (3 credits)
Study of human communications, interpersonal relationships, and the impact of communication on behavior. Topics include verbal and nonverbal behavior, development of relationships, and conflict management skills. Experiential learning included.

PSYC 2330H Interpersonal Communication Honors (3 credits)
Study of human communications, interpersonal relationships, and the impact of communication on behavior. Topics include verbal and nonverbal behavior, development of relationships, and conflict management skills. Experiential learning included. Prerequisite: Honors Students Only

PSYC 2350 Life-Span Human Development (3 credits)
This course is designed to provide the student with an understanding of systematic changes within the individual from conception through death. Unlike many studies of development, this course is structured around issues of development rather than examination of development from a chronological perspective. This structure will allow the student to more completely grasp life-span issues. Family, social roles, lifestyle, psychological disorders, mental abilities, and death and dying will be examined. Prerequisite: PSYC 1020.

PSYC 2360 Adolescent Psychology (3 credits)
This course will provide an overview of the principles, theories, and research pertaining to the development of the adolescent. Topics include physical, emotional, social, intellectual, moral, and personality development, as well as the importance of the home, school, and community. Prerequisite: PSYC 1020.

PSYC 2370 Early Childhood Growth and Development (3 credits)

Students in this course will critically examine theories and research concerning the cognitive, social-emotional, and physical development of the typical and atypical child from birth to age eight. Emphasis will be placed on the ability to observe and describe child behavior and to understand the principles and processes that govern growth and development in the early childhood years. Implications of knowledge of child development for parental behavior, professional practices, and social policy will also be considered. Prerequisite: PSYC 1020.

PSYC 2380 Child and Adolescent Development (3 credits)
Aspects of growth and development during childhood and adolescence: physiological, cognitive, personality, and social. Prerequisite: PSYC 1020.

PSYC 2390 Adulthood and Aging (3 credits)
Developmental experiences of maturity. Physiological and psychological aspects of aging. Prerequisite: PSYC 1020.

PSYC 2450 Forensic Psychology (3 credits)
This course describes various interactions between psychology and the legal system. It discusses how psychologists assist law enforcement agencies in the selection, training, and evaluation of law enforcement officers and in conducting criminal investigations. It also describes the various forensic psychology roles in civil and criminal proceedings. Lastly, this course will highlight ways in which forensic psychologists can work to influence public policy. Prerequisite: PSYC 1020

PSYC 2460 Health Psychology (3 credits)
This course covers stressors and health, health behavior promotion, and psychological treatment for cancer, heart disease, and other medical disorders. Prerequisites: PSYC 1020.

PSYC 2470 Loss, Grief, and Bereavement (3 credits)
This course addresses the issues of loss accompanying the death of a loved one and the handling of grief for people of all ages. Sensitizes students to their own feelings about death, describes the rites of passage, and identifies methods of resolution for grief. This course will be beneficial to individuals in their own lives, as well as those who will be involved in counseling. Prerequisite: PSYC 1020.

PSYC 2500 Psychology of Leadership (3 credits)
This course covers the goals of leadership, the assessment of leader performance, leadership theories, leadership practices, principles of leadership in varying cultures and types of organizations, and situational and personality influences on leadership. Students will apply leadership principles in natural settings. Prerequisites: PSYC 1020; and SPCH 1010 or 2020.

PSYC 3000 Psychological Research Methods (3 credits)
This course covers the methodological tools used in psychological research studies, with specific emphasis on observational, correlational, experimental, and quasi-experimental designs. Students will develop testable hypotheses, design a quantitative experimental research study, and use APA-format to write a report similar to those found in professional psychological journals. Prerequisites: PSYC 1020 and MATH 3030.

PSYC 3030 Experimental Psychology (Laboratory) (3 credits)
Laboratory experience in various areas of experimental psychology. Covers experiments and reports on sensation and perception, motivation, learning and memory, and the measurement of ability and personality factors. Prerequisite: PSYC 1020.

PSYC 3070 Stress Management (3 credits)
This course examines the process and complexities of stress management, its impact on the work place, and the overall quality of work life in an organization. Stressful events and conditions will be presented and analyzed from three perspectives: individual vulnerability to stressors, the environment in which vulnerability is exposed to stressors, and the resulting behavioral symptoms. Prerequisites: PSYC 1020.

PSYC 3160 Social Psychology (3 credits)
This course provides an introduction to the scientific study of how people's thoughts, feelings, and behaviors are influenced by the real or imagined presence of other people. Topics such as self-perception, judgment and decision-making, rationalization, attitude change, conformity, social influence, obedience, attraction, love, aggression, violence, altruism, deception, nonverbal communication, and prejudice will be covered. Prerequisite: PSYC 1020.

PSYC 3160H Social Psychology Honors (3 credits)
This course provides an introduction to the scientific study of how people's thoughts, feelings, and behaviors are influenced by the real or imagined presence of other people. Topics such as perception, judgment and decision-making, rationalization, attitude change, conformity, social influence, obedience, attraction, love, aggression, violence, altruism, deception, nonverbal communication, and prejudice will be covered. Prerequisite: PSYC 1020 and Honors Students only

PSYC 3180 Stereotypes, Prejudice, and Discrimination (3 credits)
This course examines how individuals, groups, and cultures develop stereotypes. The course also explores how these stereotypes are used for prejudicial and discriminatory purposes toward other individuals and/or groups. Finally, the course explores the impact of both implicit and explicit prejudice. Prerequisite: PSYC 1020.

PSYC 3210 Personality (3 credits)
Survey of psychoanalytic, humanistic, cognitive, and behavioral theories of personality. Current issues and personality research. Prerequisites: PSYC 1020.

PSYC 3260 Abnormal Psychology (3 credits)
Diagnoses, causes, and prognoses for the various

categories of psychological disorders. Case studies supplement and illustrate theory and research. Prerequisite: PSYC 1020.

PSYC 3300 Behavior Modification (3 credits)
Behavior modification techniques applied to diverse areas such as mild and severe behavior problems in children and adults, behavior medicine, organizational behavior, sports psychology, and self-management. Prerequisite: PSYC 1020.

PSYC 3360 Psychology of Gender (3 credits)
This course examines theories about, as well as the psychological and social factors related to, gendered identities, roles, and behaviors. Prerequisite: PSYC 1020 or SOCL 1020.

PSYC 3400 Sports Psychology (3 credits)
This course includes an analysis of the social and psychological dimensions in sport. Emphasis is placed on social and psychological theories and research related to physical activity, physical education, corporate fitness, and athletic programs. Prerequisite: PSYC 1020

PSYC 3450 Foundations of Therapeutic Interviewing (3 credits)
General principles of effective interviewing. Skills and techniques for achieving various interview goals, with an emphasis on counseling interviews and the establishment of helping relationships. Prerequisites: PSYC 1020 and PSYC 2330.

PSYC 3480 Industrial/Organizational Psychology (3 credits)
Survey of psychology as applied to work emphasizing a general knowledge of industrial/organizational psychology as well as its application to the solving of real-world problems. Discussion of personnel decisions, organizational training, organizations and their influence on behavior, job satisfaction, job design, and organizational development, human factors, and environmental stressors on workers. Prerequisite: PSYC 1020.

PSYC 3500 Community Psychology (3 credits)
Prevention, recognition, and mobilization of individual and community resources for helping solve psychological problems. The role of psychologically trained change agents in the human services field. Prerequisites: PSYC 1020

PSYC 3510 Human Learning and Cognition (3 credits)
Theories and research concerning human learning and cognition. Covers conditioning, verbal learning, memory, and problem solving. Prerequisite: PSYC 1020.

PSYC 3550 Substance Abuse and the Family (3 credits)
Emphasis will be on family problems as well as changes in family functioning that accompany chemical dependency. The concept of substance abuse as a family illness and the roles within the family as they relate to both maintaining addiction and affecting the recovery process will be explored. Family systems theory of counseling will be introduced. Domestic violence issues will also be covered.

PSYC 3570 Psychology and Physiology of Substance Abuse (3 credits)
This course will provide a sound introduction to the pharmacology and physiology of licit and illicit drugs. Psychological effects of psychoactive substances will be explored. Signs and symptoms of substance abuse, diagnostic criteria for evaluating chemical dependency (including familiarization with the DSM-IV) and physical and psychiatric disorders related to substance abuse will be studied. Among the topics covered will be AIDS, an introduction to dual diagnosis, relapse, and relapse prevention.

PSYC 3580 Rehabilitation Strategies for Substance Abuse (3 credits)
This course will focus on the various types of therapeutic approaches that may be successfully employed in the treatment of substance abuse problems and the types of facilities available. Treatment planning, clinical documentation and supervision, influences of managed care and other third-party payers will be thoroughly examined. Special needs and approaches to rehabilitation for women, adolescents, and specific cultural groups will be addressed. Intervention strategies, including information and referral services, self-help groups, and employee-assistance programs will also be covered. Ethical and treatment issues related to managed care and the rehabilitation process will be discussed.

PSYC 3600 Criminal Justice and Substance Abuse (3 credits)
This course will focus on the interface between treatment providers and the criminal justice system. The student will learn how to work within the various levels of the court system (juvenile, appellate, superior), as well as diversionary programs, such as drug court. Involuntary commitment procedures, state regulations, and federal requirements will be explored in detail. In addition, the social impact and historical influences of drugs on society will be examined.

PSYC 3620 Drug Prevention and Education (3 credits)
The classification and identification of drugs as well as behavioral criteria for recognizing alcohol and drug abuse are reviewed. Specific attention is paid to prevention, intervention, and education strategies within the family, school, and the community. Methods for designing, implementing, and evaluating effective prevention programs among various cultures are examined. This course is designed to be of immediate practical use to counselors, teachers, and other professionals interested in effective drug prevention and education.

PSYC 3630 Ethical and Professional Developments (3 credits)
This course examines personal and professional ethical issues faced by counselors today. Conflicts among personal, legal, and professional demands will be explored in depth. Students will learn to recognize agents of change and resistance through personal experience in the

classroom. This course will also focus on how the mental health professional becomes upwardly mobile within the field. Personal marketing strategies, in the context of ethical considerations, will be discussed.

PSYC 3710 History and Theories of Psychology (3 credits)
Exploration of the historical roots of psychology, and the bases and growth of psychology as a science. Examines the major historical and contemporary theories of psychology with an emphasis on enduring issues. Prerequisite: PSYC 1020.

PSYC 3750 Gender and Counseling (3 credits)
This course covers the issues of gender in the counseling and psychotherapy field. Issues pertinent to gender, unique problems of gender, and the dynamics of the therapeutic relationship that are predicated on gender will be covered. Prerequisite: PSYC 2000 or PSYC 3450.

PSYC 3760 Multicultural Issues in Psychology (3 credits)
Issues relevant to the field of psychology. Examinations of different cultural groups and their values as they pertain to the individual, the family, time, proxemics (personal and interpersonal space), communication styles, and body language. Different cultural worldviews will be explored as they pertain to locus of control, conception of mental illness, and attitude toward seeking psychological help. Prerequisite: PSYC 1020.

PSYC 3800 Current Psychotherapies (3 credits)
This course is designed for the advanced undergraduate student. It is also intended for those in the field who desire a refresher course in counseling theory and practice. It is a comprehensive introduction into the most popular counseling theories and techniques currently in use. The needs of special populations, including substance abuse clients, adolescents, and clients from other cultures are examined. Format for this course includes lecture and discussion sessions, role playing, and audio/videotape critique sessions.

PSYC 3950 Brief Therapy (3 credits)
This course focuses on the introduction of brief modes of working therapeutically with clients. Topics include a theoretical/philosophical approach to brief therapy, a technical understanding of how to work briefly, and an understanding of collaborative, competency-based practice. This course will also cover the distinctions between short-term and long-term therapeutic work with clients. Prerequisite: PSYC 3450 or PSYC 3800.

PSYC 3999 Prior Learning in Psychology (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning in psychology. This course is repeatable up to 12 credits.

PSYC 4050 Psychological Assessments (3 credits)
Theory and use of psychological tests of ability and personality. Covers the selection, administration, scoring, and interpretation of psychological tests. Prerequisite: PSYC 3000.

PSYC 4150 Group Counseling in Substance Abuse (3 credits)
This course covers the essential elements of group counseling, with a specific focus on substance abuse problems. Includes group leadership styles, facilitation skills, group dynamics, the stages of group development, and techniques for dealing with specific problems that often occur in a group setting. Emphasis on experiential learning

PSYC 4200 Cross-Cultural Counseling (3 credits)
A study of the impact that culture plays in psychotherapy. Areas of focus include working with clients from a variety of cultural/ethnic backgrounds, the therapeutic relationship based on culture, and an understanding of race and culture in a client's scope of functioning. Prerequisites: PSYC 2000 and PSYC 3760.

PSYC 4600 Biological Bases of Behavior (3 credits)
Genetic, neural, and endocrine bases of behavior. Neuroanatomy and chemical and electrical events in the nervous system. Sensory processes, motivation, emotion, and arousal. Prerequisite: PSYC 1020.

PSYC 4800 Practicum in Psychological Research (3 credits)
This course provides practical experience in conducting psychological research, under the supervision of the Division of Social and Behavioral Sciences. Students will read relevant research literature in professional psychological journals, develop a testable hypothesis, design and run an empirical research study, analyze data from the study, and write a full APA-format research paper. Prerequisite: PSYC 3000.

PSYC 4810 Practicum in Community Psychology (3 credits)
Experience in applying psychological principles in a human services agency. Supervision onsite; weekly team meetings at the university. Written reports required. Prerequisites: 3 of these four classes: PSYC 2330, PSYC 3300, PSYC 3450, and PSYC 3500.

PSYC 4840 Advanced Practicum in Psychology (3-6 credits)
Students will gain experience in a specialty area of psychology by working with teams of faculty members and graduate students. They will be able to observe and participate in both research and applied clinical work. Prerequisites: PSYC 3000 and SPCH 1010 and Junior or Senior standing.

PSYC 4880 Senior Seminar in Psychology (3 credits)
Students will have the opportunity to integrate information from a variety of specialties in psychology. Each seminar will have a focal theme that will allow students to gain new perspectives, as well as apply knowledge from prior courses and experiences. Prerequisites: PSYC 3000 and SPCH 1010 and Junior or Senior standing.

PSYC 4900 Special Topics in Psychology (3 credits)
Advanced study in selected areas in psychology. Specific focus to be announced. May be repeated once for credit if content changes. Prerequisite: PSYC 1020.

PSYC 4900A Special Topics: Evolution of Human Nature (3 credits)
This course will serve as an overview of the theoretical approach of evolutionary psychology as well as a survey of some of the major topic areas that have been approached from an evolutionary perspective. Adaptationism, the theoretical approach that understands present-day behavior and mental processes as products of past Darwinian selection pressures, is central to this course. Students are expected to develop the ability to evaluate adaptation hypotheses, to understand the fundamental differences between the evolutionary approach and traditional social sciences approaches (i.e., tabula rasa behaviorism), and to recognize/avoid the common errors of naive adaptationism. Prerequisite: PSYC 1020

PSYC 4900B Special Topics: School Psychology (3 credits)
This course provides an introduction to the profession and practice of school psychology. The topics covered will include: (a) history and foundations of school psychology, (b) roles and functions of school psychologists, (c) professional issues and standards, and (d) contemporary issues and challenges.

PSYC 4900C Pavlov's Puppies and other Revolutionary Studies in Psychology (3 credits)
This course reviews influential studies that have shaped the understanding of human behavior. In this class, critical theories and concepts in psychology are reviewed in the context of these studies. Students will read and comprehensively discuss psychological principles connected with the major subfields within psychology. Prerequisite: PSYC 1020.

PSYC 4900D Crisis Negotiation in Correctional Settings (3 credits)
Through lecture, class discussion, and videotapes, this course will explore critical hostage incidents in correctional settings. This course will review past correctional hostage incidents; discuss general techniques for managing correctional hostage incidents; outline the negotiation process; describe types of offenders most likely to become involved in hostage incidents, reasons for their involvement, and negotiation techniques that have proven effective; discuss suicide and violence risk assessment techniques; highlight other psychological factors that have an impact on the outcome of correctional hostage incidents; and discuss various proactive strategies found helpful in preparing for correctional incidents. One or more field trips to correctional/law enforcement facilities may be a part of this course. Prerequisite: PSYC 1020

PSYC 4901 APS Capstone Course in Psychology/Substance Abuse Studies (3 credits)
This course is reserved for students who are enrolled in the Applied Professional Studies Program. Through a series of written assignments, this course provides students with an opportunity to integrate previous learning and experience with a concentration in either psychology or substance abuse studies to form a unique course of academic study. Given that the APS major is individualized to a large extent based on a student's interests and past experiences, this course ordinarily will be conducted as an independent study and will be taken during the student's last semester prior to receipt of their degree.

PSYC 4950 Internship in Psychology (1-3 credits)
A 10-20 hour per week, paying or nonpaying work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisites: PSYC 3000, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of academic director.

PSYC 4990 Independent Study in Psychology (1-6 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisites: PSYC 3000 and written consent of instructor and division director.

QNT—Quantitative Methods

QNT 1999 Prior Learning Business Resear (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Business Research Methods. This course is repeatable up to 12 credits.

QNT 3999 Prior Learning Business Resear (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Business Research Methods. This course is repeatable up to 12 credits.

QNT 4610 Business Research Methods (3 credits)
Examines research designs commonly used in business decision making. Topics include survey, observation, data analysis, sampling, and quasi-experiments as they relate to problems in an organizational setting. Students submit a research proposal as part of the course requirements. Prerequisite: MATH 3020.

READ—College Reading

READ 1000 College Reading (3 credits)
Develops literal and critical reading strategies that an active reader needs in order to master college course work. Students will focus on vocabulary knowledge and improving literal, analytical inferential, and critical reading skills

SCIE—Science

SCIE 1000 General Science Program Seminar (1 credits)
This seminar is intended to orient new students in the general science program. Educational resources, study skills, general science program requirements, admission policies for allied health graduate programs, introduction to science oriented majors other than biology, and opportunities available in fields other than science for those students with some background in science.

SCIE 1150 Great Experiments in Science (1-6 credits)
An outline course in which students review some of the experiments and scientists that have shaped the fields of biology, chemistry, and physics. Students will receive one unit of credit for completion of 10 modules. Completion of 60 modules results in six credits. The course culminates in a lecture given by a prominent scientist concerning a current topic in scientific research. The course is intended to advance scientific literacy and examine the impact of science on our health, technology, and culture. Students may re-enroll but cannot accrue more than a total of six credits.

SCIE 1999 Prior Learning Credit in Science (1-12 credits)
This course number and prefix indicate an award of lower-level undergraduate prior learning credit in science. This course is repeatable up to 12 credits. Prerequisite: approval of director.

SCIE 2900 Special Introductory Science (1-3 credits)
Introductory topics in biological science that are not included in regular course offerings. Specific content and prerequisites announced in the course schedule for the given term. Student may re-enroll for special topics covering different content.

SCIE 3210 History of Science (3 credits)
The course is a survey of science and scientists from ancient to modern times. The major advancements in life science, medicine, and oceanography will be discussed from the perspective and tenor of the times. Some original literature and autobiographies as well as historical reviews will be assigned and discussed.

SCIE 3999 Prior Learning Credit in Science (1-12 credits)
This course number and prefix indicate an award of upper-level undergraduate prior learning credit in science. This course is repeatable up to 12 credits. Prerequisite: approval of director.

SCIE 4490 Research Methods (3 credits)
This course will present a broad theoretical outline for the design and implementation of research projects. Topics to be covered include problem definition, principles of design, sampling, measurement concepts, and research proposal preparation. Although this is not a course in statistics, a brief overview of univariate and bivariate statistics will be presented. This course will also cover the presentation of results, including graphics. It is assumed that the student will have some background in basic statistics and have some familiarity with computers. Prerequisite: MATH 3020

SCIE 4900 Special Topics in Science (1-3 credits)
Topics in advanced science that are not included in a regular course offering. Prerequisites may be required. Specific content and prerequisites are announced in the course schedule for the given term. Students may reenroll for special topics covering different content.

SCIE 4990 Independent Study in Science (1-12 credits)
The student selects and independently carries out library and/or empirical research. Faculty supervision is provided on an individual basis.

SECE—Secondary Education

SECE 1999 Prior Learning in Secondary Ed (1-12 credits)

SECE 3550 MethTeachMiddle&SecondaryScien (3 credits)
The purpose of this course is to examine content and methods for teaching science in middle and secondary school. You will explore a variety of techniques and reflect on approaches most applicable to teaching and learning in the middle school and high school classroom. "Hands-on" approaches, resources, materials, technology, and ideas drawn from the student's experience will be discussed. A full and comprehensive grasp of the National and State standards in science will be developed. There will be a clinical field experience in a community school.

SECE 4350 Meth of Teach Mid & Sec Math (3 credits)
The purpose of this course is to examine content and methods for teaching Mathematics in middle and secondary school. Our emphasis is on mathematical problem solving; the necessary training for lifelong learning; use of technology; alternative assessment; and techniques of assertive discipline. Students will explore a variety of techniques and reflect on approaches most applicable to teaching and learning in the middle school and high school mathematics classroom. "Hands-on" approaches, resources, materials, technology, and ideas drawn from the student's experience will be discussed. A full and comprehensive grasp of the National and State standards in Mathematics will be developed. There will be a field experience in a community school.

SECE 4560 Meth Teach Mid & Sec Reading (3 credits)
This course addresses the significance of reading ability and study skills throughout the middle and secondary school curriculum. The emphasis is on identifying sources of difficulties experienced by middle and secondary school students in reading and learning from instructional materials. General strategies for learning from textbooks are examined as well as study skills and specific strategies for dealing with text materials from particular content areas. Students will implement ESOL strategies in planning and presenting lessons. In addition to class meetings, at least 10 hours of clinical experience are required.

SOCL—Sociology

SOCL 1020 Introduction to Sociology (3 credits)
This course is concerned with the nature and needs of people, their relationships to their societies, and the manner in which they govern those relationships by establishing groups and institutions, engaging in social processes and bringing about social change. Special emphasis will be placed on culture in the United States and the impact of technology on the modern person.

SOCL 1999 Prior Learning in Sociology (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning in sociology. This course is repeatable up to 12 credits.

SOCL 2021 Sociology of Deviance (3 credits)
Students will examine ways in which sociologists have tried to explain deviant behavior, what makes someone or something deviant, and how society responds to deviant behavior. Students will be exposed to a range of theories and data about deviance as well as various forms of deviance such as family violence, suicide, murder, prostitution, alcoholism, corporate crime and robbery. Prerequisite SOCL 1020.

SOCL 2030 Medical Sociology (3 credits)
The course uses sociological concepts, perspectives and research methods to develop an understanding and awareness of how social, cultural, and behavioral factors influence health, illness and healthcare. Students will study the explanations and theories relating to the distribution of diseases among various population groups, the behaviors or actions taken by individuals to maintain, enhance or restore health or cope with illness, disease and disability. Prerequisite SOCL 1020

SOCL 2100 Sociology of Sexuality (3 credits)
This course reviews the sociology of sexuality from a sociohistorical perspective. Among the topics to be discussed are the theoretical approaches to sexuality, the making of sexual identities, the relationship between sexuality and social institutions, and sexual politics and ethics.

SOCL 2130 Family Relationships (3 credits)
Contemporary patterns of marriage and family living. Approaches to effective living together in family units. Covers both adult and parent-child relationships. Emphasis on communication, supportiveness, and contingency management.

SOCL 2300 Family Communication (3 credits)
The purpose of this course is to develop an understanding of communication with the context of the family unit. Historical overview of the theoretical and methodological issues in the study of communication in family settings.

SOCL 2510 Social Problems (3 credits)
Focuses on a number of contemporary social problems, analyzing causative factors and exploring alternative solutions. Examines the role of community service agencies in the improvement of some of these problems. Prerequisite: SOCL 1020.

SOCL 3000 Research Methods in the Social Sciences (3 credits)
Introduction to qualitative research designs commonly used in the social sciences. Discussion of data collection methods such as participant observation and interviewing, focus groups, case studies and ethnographies. Prerequisites: SOCL 1020 or ANTH 1020

SOCL 3110 Gender, Sexuality and Family (3 credits)
This course considers the socialization into masculine and feminine identities and sexual and reproductive choices, and examines the cultural context in which values about sexuality and gendered roles within the family are formed.

SOCL 3130 Family Systems (3 credits)
An introduction to family systems theory. A basic understanding of the field of family therapy as it applies to systems consultations with families and larger organizations. A discussion of how families are components of larger social structures. A resource-based approach to working with children and parents.

SOCL 3200 Classical Social Theory (3 credits)
This course concentrates on the historical development of sociological theory with special reference to its European origins. It will also provide a comparative study and critique of various theoretical accounts on the rise and of the transformations of modern society in the 19th and 20th centuries. Selected topics include the individual, society, and polity; economy, class, and status; organization and ideology; religion and society; moral and instrumental action. Prerequisite: SOCL 1020.

SOCL 3300 Gender at Work (3 credits)
This course examines the workplace as a specific cultural context in which identifiable values, ethics, and mores come into play, particularly as they relate to issues and imbalances related to gender and cultural diversity.

SOCL 3400 Contemporary Social Theory (3 credits)
This course addresses the theoretical perspectives which have arisen in the twentieth century in the United States as well as on the European continent. Among these are functionalism, conflict sociology, and symbolic interactionism. Prerequisite: SOCL 3200.

SOCL 3500 Race and Ethnicity in the U.S. (3 credits)
This course covers race and ethnic divisions, discrimination, conflict and cooperation. Further, it explores the impact of global processes on race and ethnicity in the United States. There will be a comparison of US racial and ethnic patterns to other countries. Prerequisite: SOCL 1020.

SOCL 3600 Environmental Sociology (3 credits)
This course examines the relationships between societies and the physical environment in the U.S. and at the global level as well as the ways in which environmental problems are also social problems. It will explore materialism, technology, development, population, and environmental activism and attitudes including the pivotal role that social

inequality plays in relation to environmental problems. Prerequisites: SOCL 1020 or ENVS 1100 or ENVS 1200

SOCL 3700 Ethnic Family Diversity (3 credits)
This course will focus on the various ethnic minority families in contemporary United States life. An overview of European-American, Hispanic- American, Asian-American, and other socioreligious families will be presented. Prerequisite: SOCL 2130.

SOCL 3800 Family Life Cycle (3 credits)
A study of family functioning over the life span of the family. Various issues such as culture, class, race, and gender will be covered and how these impact family functioning. Emphasizes marriage, divorce, remarriage, death, and other major determinants of family operation. Prerequisite: SOCL 2130.

SOCL 3999 Prior Learning in Sociology (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning in sociology. This course is repeatable up to 12 credits.

SOCL 4000 Lesbian and Gay Cultures (3 credits)
This course examines topics in the gay and lesbian cultures from theoretical, historical, and political perspectives. Topics might include an examination of the essentialist versus constructionist debates and their respective implications, sex policing, political resistance, and the politics of AIDS.

SOCL 4200 Violence and the Family (3 credits)
The causes, dynamics, and consequences of violence in the family. Includes a discussion of violence toward children, spouses, dating partners, siblings, and elders. Emphasizes the social conditions that lead to these types of violence. Prerequisite: SOCL 2130.

SOCL 4950 Internship in Sociology (1-3 credits)
A 10-20 hour per week, paying or nonpaying work experience for 16 weeks (or more) in the student's major area of study. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of academic director.

SOCL 4990 Independent Study in Sociology (1-6 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis.

SPAN—Spanish

SPAN 1210 Elementary Spanish I (3 credits)
Essentials of Spanish language with emphasis on grammar, vocabulary, writing, and oral skills. Introduction to Spanish culture. Not open to native speakers.

SPAN 1220 Elementary Spanish II (3 credits)
Essentials of Spanish language with emphasis on grammar, vocabulary, writing, and oral skills. Not open to native speakers. Prerequisite: SPAN 1210 or Spanish Placement Test.

SPAN 1999 Prior Learning in Spanish (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Spanish. This course is repeatable up to 12 credits.

SPAN 2210 Intermediate Spanish I (3 credits)
Readings in Spanish literature and culture. Study of Spanish idioms and syntax. Further development of oral and written Spanish. Not open to native speakers. Prerequisite: SPAN 1220 or Spanish Placement Test.

SPAN 2220 Intermediate Spanish II (3 credits)
Continuation of SPAN 2210. Readings in Spanish literature and culture. Study of Spanish idioms and syntax. Further development of oral and written Spanish. Not open to native speakers. Prerequisite: SPAN 2210 or Spanish Placement Test.

SPAN 2330 Spanish for Native Speakers (3 credits)
An advanced-level course especially designed for students whose first or family language is Spanish and who want to advance their knowledge of grammar, vocabulary, and their cultural heritage. Prerequisite: native fluency or equivalent.

SPAN 3000 Conversation and Composition (3 credits)
A course for students with intermediate-level Spanish reading and writing competency who wish to increase their oral and written competency in the language. Prerequisite: SPAN 2220 or SPAN 2330.

SPAN 3200 Commercial Spanish (3 credits)
Introduces business terminology and usage to develop fluent oral and written communication in business and professional settings. Special attention is given to understanding the cultural context for conducting business in both Spain and Latin America. Group projects, class discussions, oral and written work all in Spanish. Prerequisite: SPAN 2330 or SPAN 3000 or native fluency.

SPAN 3240 Introduction to Spanish Literature (3 credits)
An introductory literature course intended to familiarize students with the literature of Spain from the medieval period until the twentieth century and to develop skills in literary analysis. Class discussions, readings, oral and written work all in Spanish. Prerequisite: SPAN 2330 or SPAN 3000 or native fluency.

SPAN 3250 Introduction to Latin American Literature (3 credits)
An introductory literature course intended to familiarize students with the literature of Latin America through selected readings in all genres and to develop skills in literary analysis. Class discussions, readings, oral and written work all in Spanish. Prerequisite: SPAN 2330 or SPAN 3000 or native fluency.

SPAN 3999 Prior Learning in Spanish (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Spanish. This course is repeatable up to 12 credits.

SPAN 4900 Special Topics in Spanish (3 credits)
An in-depth study of a period, an author or a literary genre in the Spanish language. Class discussions, readings, oral and written work all in Spanish. May be repeated once for credit, if content changes, and with written consent of division director. Prerequisite: one 3000-level SPAN course.

SPAN 4990 Independent Study in Spanish (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One SPAN course and COMP 2000, COMP 2010 or COMP 2020.

SPCH—Speech

SPCH 1010 Public Speaking (3 credits)
Training and practice in the fundamentals of public speaking, including audience analysis, topic development, research, organization, language use, and delivery.

SPCH 1010H Public Speaking Honors (3 credits)
Training and practice in the fundamentals of public speaking, including audience analysis, topic development, research, organization, language use, and delivery. Honors students only.

SPCH 1999 Prior Learning in Speech (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in speech. This course is repeatable up to 12 credits.

SPCH 2000 Fundamentals of Human Communication (3 credits)
This course surveys major concepts, theories, and research in the study of human communication. The course assists students in developing knowledge and skills in the development of their own communication competence. The course covers basic human communication processes in the contexts of interpersonal, group/team, and public communication. Prerequisite: COMP 1500.

SPCH 2020 Argument and Debate (3 credits)
Training and practice in fundamentals of oral argumentation, including methods of obtaining and organizing materials, delivery, and audience analysis, with an emphasis on researching evidence and constructing and refuting an argument in a debate format. Prerequisite: COMP 1500.

SPCH 3120 Speech Communication for the Professions (3 credits)
Emphasis on public communication skills required of the person in business and/or professional settings. Topics include business interviews, public speaking, presentation aids, listening, team communication, and cultural diversity in the workplace.

SPCH 3999 Prior Learning in Speech (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in speech. This course is repeatable up to 12 credits.

SPT—Sport and Recreation Mgt

SPT 1050 Intro Sport & Recreation Mgmt (3 credits)
Provides an overview of the sport and recreation industry, history, and theory of management principles, and the examination of the key components of sport and recreation management: leadership, event management, marketing, fund-raising, budgeting, ethics, sport law, and public relations.

SPT 1999 Prior Learning Sport Managemen (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Sport Management. This course is repeatable up to 12 credits.

SPT 2050 Sport in Popular Culture (3 credits)
Examines sport in today's popular culture, this includes music, film, television, advertising, fashion, toys, magazines, and cyberspace. Through critical analysis the connection between sport, popular culture and issues of race, gender, sexuality, censorship, and social class will be analyzed and discussed.

SPT 2150 Sport in Society (3 credits)
Studies the impact sport has on our society. The course examines the different levels of sport and emphasizes issues related to economics, education, race, gender, youth sports, social mobility, violence, and deviance.

SPT 2350 Ethics Sport & Recreation Mgmt (3 credits)
This course examines morality and ethical issues pertaining to sport. Topics include sportsmanship, fan behavior, performance-enhancing drugs, drug testing, gender equity in sport, violence on and off the field, and youth sport participation.

SPT 2950 Sport & Recreation Practicum (3 credits)
This course is designed to give students the opportunity to gain practical experience with a sport or recreation organization. Allowing the student to experience first hand what it is like to work in the industry. Students must work 75 hours within one academic term (16 weeks). Course is graded Pass/Fail. Prerequisites: SPT 1050 and Instructor Approval.

SPT 3150 Facility & Event Management (3 credits)
This course studies the guidelines and principles of managing sport and recreation events and facilities. Topics include event logistics, critical planning techniques, negotiations, funding, and facility design, operation, and maintenance. Prerequisite: SPT 1050.

SPT 3200 Sponsorship and Fundraising (3 credits)
This course explores both sponsorship and fundraising from different levels of sport and recreation. Concepts and theories will be applied to case studies and current techniques for sponsorship acquisition and fundraising tactics.

SPT 3375 Program Management (3 credits)
An exploration of sport and recreation programs with an emphasis on management issues pertaining to the development and operation of participant based programs. Prerequisite: SPT 1050

SPT 3425 Public Relations in Sport (3 credits)
Studies the guidelines and principles of public relations in sport and recreation. Topics include communication, mass media, interviewing, media formats, and publication design. Prerequisite: SPT 1050.

SPT 3550 Prin Economics/Finance in SPT (3 credits)
Examines current economic and financial issues that impact sport and recreation management. Topics include budget development, funding, capital projects, economic impact, and supply and demand in the sport and recreation industry. Prerequisites: SPT 1050.

SPT 3650 Sport Marketing (3 credits)
A focus on the principles of sport marketing and the application of a sport marketing plan. Topics include advertising, marketing mix, consumer behavior, and relationship marketing.

SPT 3775 Sport Camp Management (3 credits)
An exploration into sport camp management principles and practices. An examination of residential, day, professional team, college athletic, and high school sport based camps with an emphasis on organization, staffing, operations, and evaluation. Prerequisite: SPT 1050.

SPT 3925 College Athletic Admin (3 credits)
This course examines the history, rules, and regulations that govern college athletics. Exploration into Division I, II, and III programs with a critical analysis of the current issues that each division faces. Prerequisite: SPT 1050.

SPT 3999 Prior Learning Sport Managemen (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Sport Management. This course is repeatable up to 12 credits.

SPT 4425 Organization & Admin of Sport (3 credits)
Reviews the principles of organizational structure and behavior within sport organizations. Topics include organizational policies and procedures, organizational effectiveness, communication networks, and leadership values. Prerequisite: SPT 1050

SPT 4550 Legal Aspects of Sport & Rec (3 credits)
Reviews the legal considerations, responsibilites, and liabilities of institutions and their personnel as related to sport and recreation. Examines event management, personnel relations, and governmental regulations that impact sport and recreation. Prerequisite: SPT 1050 or SPT Faculty approval.

SPT 4850 Seminar in Sport & Rec Mgt (3 credits)
A capstone course for senior sport and recreation management majors. Students will examine trends in the industry, career paths, and discuss current topics in sport and recreation. Prerequisites: SPT 1050, Senior Standing, and SPT Faculty approval.

SPT 4950 Sport & Rec Internship (12 credits)
A supervised work placement for a period of 16 weeks in the students's major area of study. A minimum of 420 hours is required. There is also a classroom component for this course. Course is graded Pass/Fail. Prerequisites: cumulative GPA of 2.5 or higher, completion of 36 or more credits within Major Requirements and permission from SPT faculty. Sport and Recreation Managements Majors Only.

STDY—Study Skills

STDY 1050 Study Skills (1 credits)
This course is designed to develop the learning and organizational skills necessary to be highly successful in to which the adjunct course is attached. Active participation offers the opportunity to improve overall academic performance by providing transferable skills and the support system necessary for overall college success.

TECH—Information Technology

TECH 1110 Technology in Information Age (3 credits)
The course covers technology survival skills needed for school, work, and life in our Information Age. Students work for mastery of computer skills needed today for success in academic coursework and tomorrow for the lifelong learning required in the profession. Students use today's popular software packages to create real-world documents in word processing, spreadsheets, charting, multimedia presentations, and Web authoring. They customize hands-on work to expand knowledge in their own field as they master Web navigation and research and create Web products with value for other classes. Students acquire a deeper understanding of technology use, abuse, and its impact on humans living in the ever-changing electronic environment.

TECH 1999 Prior Learning Credit in Technology (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in computer technology. This course is repeatable up to 12 credits. Prerequisite: approval of director.

TECH 2000 Computer Technology: Impact & Implications (3 credits)
Students explore the impact of computer technology on life and work in the Information Age. Students are encouraged to study technology's impact on their area of study/selected

profession (life sciences, law, business, the arts, etc.) and interview a successful professional in the field. Students examine the physical and psychological implications of technology and, based on this examination, formulate their own view of a possible future. Students create a website to display their best work. Prerequisite: TECH 1110.

TECH 2130 Business Applications of Microcomputers (3 credits)
This course covers the fundamental theories and applications of business programs for microcomputers that are useful in the small- to mid-size business environment. Accounting, relational database management, and information system management programs will be included. This is a computer laboratory course. Prerequisite: TECH 1110.

TECH 2150 Introduction to Internet Resources (3 credits)
The course includes research into topics such as netiquette, evaluation of Web sites, copyright information and issues, and the history of the Internet. Students develop advanced skills in the use of search engines, directories, and online libraries. Students are introduced to Hypertext Markup Language (HTML) and Netscape Composer. Other skills include creating and publishing personal Web pages, downloading, and using file transfer protocol and compression software. Prerequisite: TECH 1110.

TECH 3000 Multimedia Design (3 credits)
This course gives the student a comprehensive introduction to the basic design principles of multimedia. A Web focus throughout the course will assist students in exploring the Internet as a means of delivering multimedia. Students will build interactive Web sites using a variety of software to create the elements of multimedia such as sounds, animation, video, text and graphics. Students should have a working knowledge of the Internet, the World Wide Web, and enhanced computer skills. Prerequisites: TECH 1110 and TECH 2150.

TECH 3010 Principles of Web Site Design (3 credits)
This course gives the student and in-depth understanding of Web design techniques. Students gain technical proficiency as they use industry standard Web authoring software to plan, create, and publish a Web site. They will focus on effective site structure, page design, consistent layout and navigation as they create a site suited to their intended audience. Prerequisites: TECH 1110 and TECH 2150.

TECH 3520 Emerging Technology in Education (3 credits)
Students examine and evaluate state-of-the-art technology tools and developments that have the potential to enhance the curriculum and aid in administrative tasks. This includes tools and techniques to remain current in technology as it develops. Proficiency in using the World Wide Web as an educational tool is stressed. Students research and explore practical solutions to existing and developing educational problems by using technology. Prerequisites: EDUC 3510 and TECH 2150.

TECH 3530 Multimedia Technology for Educators (3 credits)
Students learn theories and interactive techniques to use Multimedia and Hypertext authoring packages as teachers to create presentations and/or lessons to enhance the curriculum in the various content areas. They learn how to utilize appropriate packages to teach their students how to create their own portfolios and/or presentations to enhance creativity and meet the expanding needs of the students in the 21st century. Prerequisites: EDUC 3510 and TECH 2150.

TECH 3999 Prior Learning Credit in Technology (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in computer technology. This course is repeatable up to 12 credits. Prerequisite: approval of director.

TECH 4050 Business Data Communication (3 credits)
This course will offer an understanding of the fundamental concepts and interactions of data communications and networking with practical applications. First examined are the networking applications of the Internet and the World Wide Web. Network standards, models and applications are addressed with emphasis on LANs, WANs, MANs and WLANs. Design, management and security are introduced and evaluated in the ever changing world of technology. Prerequisites: TECH 1110 and TECH 2150.

TECH 4510 Utilizing Technology to Develop Curriculum (3 credits)
Students explore the most current methodologies for including technology within the curriculum to meet specific educational objectives in content areas as well as for enhancing delivery. In this hands-on class, students examine and analyze the issues and consequences of the explosion of information and work to implement it in thematic units that strengthen curriculum delivery. The Human-Computer Interface is examined with emphasis on redesigning text-based instruction to develop effective electronic and multimedia delivery methods. Prerequisites: TECH 3520 and TECH 3530.

TECH 4900 Directed Project (3-8 credits)
A major project will be completed by the student under the direction of a faculty member.

TECH 4901 APS Capstone Course in Information Technology (3 credits)
This course is reserved for students who are enrolled in the Applied Professional Studies Program. Through a series of written assignments, this course provides students with an opportunity to integrate previous learning and experience with a concentration in information science to form a unique course of academic study. Given that the APS major is individualized to a large extent based on a student's interests and past experiences, this course ordinarily will be conducted as an independent study and will be taken during the student's last semester prior to receipt of their degree. Prerequisite: to be determined by supervising faculty and the division director.

TECH 4950 Internship in Technology (1-12 credits)
A work experience for 16 weeks in the student's major area of study or area of career interest. Consult academic division for specific details and requirements. Prerequisites: cumulative GPA of 2.5 or higher, major GPA of 3.0 or higher, completion of 60 or more credit hours, supervision of instructor, and permission of academic director.

TECH 4990 Independent Study in Technology (1-12 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Prerequisite: to be determined by the faculty and division director.

THEA—Theatre

THEA 1999 Prior Learning in Theatre (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in theatre. This is repeatable up to 12 credits.

THEA 2000 Voice and Movement (3 credits)
Study and practice in breathing, phonation, standard speech, text analysis, scansion and cold readings, as well as kinesthetic awareness, warm-up, use of space, stage movement, stage blocking, and stage combat.

THEA 2020 Acting I (3 credits)
A performance-oriented course designed to introduce, develop and reinforce fundamental acting skills and techniques.

THEA 2025 Performance for Film and Television (3 credits)
This course focuses on camera performance techniques relevant to film, television, and broadcasting.

THEA 2060 Technical Theatre (3 credits)
A laboratory approach to technical theatre with focus on backstage operations, crew assignments, and practical application in actual productions.

THEA 2100 Theatre Laboratory (1-4 credits)
Participation in one or more of NSU's Theatre productions. Assigned duties may include set construction, costume, technical support, acting, directing, management, or administration. Course may be repeated for up to four credit hours. Pass/fail only. Prerequisite: Written consent of division director.

THEA 2200 Vocal Articulation for Media & Stage (3 credits)
This course is an introductory course focusing on the basic physiology of the voice, vocal production and the International Phonetic Alphabet. This course is especially useful for students interested in broadcasting, speech and theatre careers. Prerequisite: any SPCH or THEA course.

THEA 3020 Acting II (3 credits)
Emphasis on the development and use of techniques for in-depth research and analysis of characters for public performance. Prerequisite: THEA 2020.

THEA 3050 Costuming and Makeup (3 credits)
Study of sewing, fabrics, patterns and practical application of costume construction techniques; materials and techniques for stage makeup with emphasis on practical application for theatrical production. Prerequisite: COMP 2000, 2010, or 2020.

THEA 3060 Scene Design (3 credits)
A study of the fundamental principles and techniques of stage design. Prerequisite: THEA 2060.

THEA 3070 Lighting and Sound Design (3 credits)
This course provides the study of advanced techniques of lighting design and sound design, including exploration of various lighting/sound boards, and design styles. Students in this course complete a lab component that focuses on practical applications. Prerequisite: THEA 2060.

THEA 3200 Theatre History I (3 credits)
This course explores the history of theatre from the origin of performance to the Renaissance. Prerequisite: COMP 2000, 2010, or 2020.

THEA 3250 Theatre History II (3 credits)
This course explores the history of theatre from the Restoration to the present. Prerequisites: COMP 2000, 2010, or 2020.

THEA 3500 Stage and Production Management (3 credits)
Stage and Production Management: An in-depth look at the management aspects of the theatre. The course will focus on the individual roles of stage manager and production manager and how these roles are applied in performing arts events. Prerequisites: one THEA course; and COMP 1500.

THEA 3999 Prior Learning in Theatre (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in theatre. This course is repeatable up to 12 credits.

THEA 4020 Acting Styles (3 credits)
This course explores advanced techniques of acting with emphasis on different styles from Greeks to the present. Prerequisite: THEA 3020.

THEA 4100 Directing for the Stage (3 credits)
The history of the director, the function of the director, and the examination of theoretical viewpoint, including textual analysis, establishing group work for the director's approach to production, play selection, analysis, and patterning of auditory and visual elements of production. Directing of a one-act play. Prerequisite: THEA 2020 and completion of 60 or more credit hours.

THEA 4900 Special Topics in Theatre (3 credits)
An advanced course in a particular dramatist, period, or

form of theatre. Specific focus to be announced. May be repeated once for credit, if content changes and with written consent of division director. Prerequisites: one THEA course and COMP 2000, 2010, or 2020.

THEA 4950 Internship in Theatre (3-6 credits)
Training and practice at a professional theatre or arts venue. Prerequisites: cumulative GPA of 2.5 or higher, completion of 60 or more credit hours, and written consent of division director.

THEA 4990 Independent Study in Theatre (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One THEA course and COMP 2000, 2010 or 2020.

TXX—Taxation

TXX 1999 Prior Learning Credits in Tax (3-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in Tax. This course is repeatable up to 12 credits.

TXX 3110 Federal Taxation I (3 credits)
Examines the fundamentals of individual income taxation. A background of accounting courses is not essential for this course. The course may be of special interest to non business majors. Topics include exemptions, exclusions, and deductions available to the individual. These concepts will aid the student in the preparation of an individual tax return. Prerequisite: ACT 2200.

TXX 3120 Federal Taxation II (3 credits)
Provides an overview of the Internal Revenue Code as it applies to partnerships, corporations, estates, and trusts. Prerequisite: TXX 3110.

TXX 3999 Prior Learning Credits Tax (3-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in Tax. This course is repeatable up to 12 credits.

UABA—Behavioral Analysis

UABA 3010 Introduction to ABA (3 credits)
This course will focus on the basic tenets of the science of applied behavior analysis that are the underpinnings of effective teaching strategies. Students will study the philosophy and science of applied behavior analysis, an overview of the areas of ABA and its relation to education and psychology, basic vocabulary and concepts in the field, and strategies for measuring behavior. The course will focus on basic strategies for increasing and decreasing behaviors of students and ethical considerations in the application of ABA in a variety of settings with an emphasis on research of education with children ages birth to 8 years old.

UABA 3020 Assessment in ABA (3 credits)
This course will expand upon the introductory course to address the selection and implementation of assessments in ABA based on those principles. The selection of interventions and outcome strategies resulting from the assessment process will also be addressed. In addition, focus will be placed on the experimental evaluation of interventions, measurement of behavior, and displaying and interpreting data using single-subject and small group designs. Assessment choices and procedures will be evaluated for practical application in educational setting with children ages birth to 8 years old.

UABA 3030 Intervention in ABA (3 credits)
This course will focus on intervention strategies for increasing skills and decreasing challenging behaviors with young children (birth to 8 years of age) in educational settings and with families. Focus will be placed on the effects of systems on intervention efforts, the ethical practice of applied behavior analysis within systems, and creating systems that support behavior change. Evaluation of research on intervention with children for both increasing and decreasing behaviors will be evaluated to help students become informed consumers of research-based information.

UABA 3040 Pos for Children w/Chal Behav (3 credits)
Positive Behavioral Support (PBS) is the application of ABA principles within natural contexts and from a systems perspective. This course will focus specifically on addressing challenging behavior for children in the home and classroom settings. Students will learn to assess challenging behaviors using functional assessments, select and implement interventions based on those assessments within the natural environment, and to train families and staff members to implement behavioral programming to support children whose behavior often limits their opportunities for education and childcare services.

UNIV—University

UNIV 1010 New University Student Explorations and Experiences (3 credits)
This course provides an introduction to core college and university resources and presents foundational success skills relevant for undergraduate students new to the university. Students will address academic success skills (time management, study skills, effective reading, classroom preparation, exam preparation) and personal success skills (professional development planning, involvement and leadership skills). Students will review relevant academic and curricular expectations for their degree program.

UNIV 1010A First Year Seminar: Reading, Thinking, and Navigating the Blogosphere (3 credits)
UNIV 1010 A is an interactive first-year seminar. Connected to the Farquhar College of Arts and Sciences' 2008-09 annual theme (Life and Death), this course introduces students to fundamentals of scholarly life. Through exposure to a combination of creative non-fiction, films, and blogs, students will learn to create and maintain their own blog. The blog will be the medium through which

they think, write, and reason about abstract ideas/themes within an academic context. By investigating and using the art and journalistic method of the blog, students will identify the elements of sound reasoning and effective writing. They will also hone their own critical reading, analytical, and writing skills.

UNIV 1010B First Year Seminar: Crime and the Media (3 credits)
UNIV 1010 B is an interactive first-year seminar. Connected to the Farquhar College of Arts and Sciences' annual theme, this course introduces students to fundamentals of scholarly life through explorations of the media's depiction of crime and criminals. Why do only certain criminal events become thrust into the public sphere with sufficient vigor to shape public fears of victimization? Why are some crimes sustained by sufficiently intense public outcry to become part of our cultural fabric, while other, almost identical incidents, fail to capture the collective imagination? Why do some very serious crimes cast a much longer shadow than others, and some offenders take on an iconic evilness while others fade into quiet obscurity? This course points a critical spotlight on media constructions of crime and social control, developing our understanding of the relationship between media and crime, and taking existing knowledge in new directions. Substantive topics of current interest will be covered, including: news reporting of crime; media constructions of children and women as victims and offenders; moral panics over pedophiles; the relationship between the media and the police; 'reality' crime shows; surveillance and social control; and new media.

UNIV 1010C First Year Seminar: Pop Culture Studies (3 credits)
UNIV 1010 C is an interactive first-year seminar. Connected to the Farquhar College of Arts and Sciences' annual theme, this course introduces students to scholarly life through explorations and critiques of popular culture. Students will examine themes, theories and methods of the field of cultural studies in relation to "texts" such as You-Tube, Facebook, music and music videos, film, and advertising.

UNIV 1010D First Year Seminar: The Most Evil State: Hitler's Germany (3 credits)
UNIV 1010 D is an interactive first-year seminar. Connected to the Farquhar College of Arts and Sciences' annual theme, this course introduces students to fundamentals of scholarly life. This course looks at one of the most closely examined periods in history, Germany from 1933-1945. It poses the question: how could such a civilized and educated people commit crimes of such magnitude. The course will illustrate how the Nazis exploited economic and political crisis to suspend rights and impose tyranny. It will track how Hitler's government employed terror and deception to control and manipulate citizens. While in the beginning the Nazis primarily used terror against "outsiders" -- political enemies, minorities and foreigners-- ultimately millions of German citizens became victims of this regime as well. In the end, Hitler and his followers left Germany devastated, defeated and divided. By considering the stories of survivors of the Nazi regime, World War II and the Holocaust, students will be confronted with choices about life and death, the college's theme for 2008-2009.

UNIV 1020 Portfolio Development (1 credits)
This course will focus on the exploration of the student's prior learning experiences. The student will be able to develop a portfolio based upon these experiences. The portfolio will allow the student to present his or her knowledge on a topic and have it evaluated by a faculty member for academic credit.

WRIT—Writing

WRIT 1999 Prior Learning in Writing (1-12 credits)
This course number and prefix indicate award of lower-level undergraduate prior learning credit in writing. This course is repeatable up to 12 credits.

WRIT 2150 Writing for the Professions (3 credits)
A writing course designed to make students proficient in various types of professional writing. Emphasis will be placed on the selection and employment of appropriate styles of written communication for functional uses in the workplace. Students will learn to use rhetorical devices and research in the professional writing of public documents.

WRIT 2500 Introduction to Creative Writing (3 credits)
This course examines the fundamentals of writing poetry and fiction, introducing students to creative writing techniques and strategies. Students will read works of fiction and poetry by published authors and write their own works using various models and styles. Through workshopping their original poetry and fiction, students will learn the importance of finding one's voice and the necessity of revision in the writing process. Prerequisite: COMP 1500.

WRIT 3020 Poetry Workshop (3 credits)
An examination of the fundamentals of writing poetry; learning to use metrical language and seeking the universal in individual human experience. Students will read a wide variety of contemporary poems and will attempt to develop their own poetic language. Prerequisite: WRIT 2500

WRIT 3030 Fiction Workshop (3 credits)
An examination of the fundamentals of writing fiction; learning to use the techniques and tools of the fiction writer. Students will read a variety of fictional works and will attempt to develop their own voices and narrative style. Prerequisite: WRIT 2500.

WRIT 3150 Business Writing (3 credits)
This course focuses on techniques for effective communication in the business environment. Students learn various strategies for writing in the workplace, including letters, memos, proposals, and electronic communication techniques and etiquette. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

WRIT 3160 Scientific and Technical Writing (3 credits)
This course focuses on developing techniques for writing

reports, descriptions, instructions, graphic arts, and other types of writing in formats appropriate to the scientific or technical working world. Students will practice explaining technical issues to various audiences, analyze technical objects and processes, and write reports, technical manuals, and user instructions. The course will emphasize writing understandable, concise language, integrating text and graphics, and designing documents. Prerequisite: COMP 2000, COMP 2010, or COMP 2020.

WRIT 3999 Prior Learning in Writing (1-12 credits)
This course number and prefix indicate award of upper-level undergraduate prior learning credit in writing. This course is repeatable up to 12 credits.

WRIT 4900 Special Topics in Writing (3 credits)
Topics, which vary from year to year, will focus on specialized genres and techniques in writing. Topics may include memoir/autobiographical writing, travel writing, creative non-fiction writing, and screenwriting. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. Prerequisite: one WRIT course above the 2000-level.

WRIT 4990 Independent Study in Writing (1-3 credits)
The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. Written consent of instructor and division director required. Prerequisites: One WRIT course and COMP 2000, COMP 2010 or COMP 2020.

Administration, Faculty, and Staff Listings

Office of Undergraduate Admissions

Professional Staff

Natalie Acosta
Coordinator of Events
Office of Undergraduate Admissions
B.S., Nova Southeastern University

Mensima Biney
Assistant Director
Office of Undergraduate Admissions
B.A., Rowan University
M.B.A., Nova Southeastern University

Megan Burns
Coordinator of Special Programs
Office of Undergraduate Admissions
B.A., Florida International University

Emily Burr
Assistant Director
Office of Undergraduate Admissions
B.A., Jacksonville University
M.Ed., Florida Atlantic University

Kimberly Cohane
E-Marketing Coordinator
Office of Undergraduate Admissions
B.A., University of South Florida

Nicola Digiallonardo
Associate Director, Communication Operations
Office of Undergraduate Admissions
B.S., Nova Southeastern University
M.P.A., Nova Southeastern University

Maria Dillard
Executive Director, Enrollment Management
Office of Undergraduate Admissions
B.A., SUNY at Buffalo
B.S., SUNY at Buffalo
M.A., SUNY at Buffalo

Charlie Duffy
Admissions Counselor
Office of Undergraduate Admissions
B.S. Florida Atlantic University

Mary Friel
Director of Enrollment
Office of Undergraduate Admissions
B.S., Daemon College

Leah Goldberg
Assistant Director
Office of Undergraduate Admissions
A.S., Parkland College
B.S., Illinois State University
M.B.A., Illinois State University

Arturo Hodgson
Recruiter II
Office of Undergraduate Admissions
B.A., Florida Atlantic University

Itza Miranda-Sierra
E-Recruitment Admissions Counselor
Office of Undergraduate Admissions
B.S., Nova Southeastern University

Isibel Moreno
Admissions Coordinator
Office of Undergraduate Admissions
B.S., Nova Southeastern University

Ashley Odland
Admissions Counselor
B.A., College of Saint Benedict

Stephanie Repaci
Admissions Counselor
Office of Undergraduate Admissions
B.A., Nova Southeastern University
B.S., Nova Southeastern University

Liza Romansky
Director of Undergraduate Marketing
Office of Undergraduate Admissions
B.S., Mansfield University of Pennsylvania
M.S., Nova Southeastern University

Regina Schawaroch
Associate Director
Office of Undergraduate Admissions
B.S., Nova Southeastern University
M.S., Nova Southeastern University

Rose Marie Simon
Coordinator of File Management
Office of Undergraduate Admissions
B.S., University of the West Indies
M.S., University of the West Indies

Denver Stickrod
Recruiter
B.S., Illinois State University
M.B.A., Illinois State University

Bridget Varisco
Recruiter
Office of Undergraduate Admissions
B.S., Florida State University

Administrative Staff

Rady Ananda
Student Records Assistant I
Office of Undergraduate Admissions

Laura Baker
Clerical Assistant III
Office of Undergraduate Admissions

Mary Boyd
Clerical Assistant III
Office of Undergraduate Admissions

Alexandra Garcia
Student Records Assistant I
Office of Undergraduate Admissions

Tamera George
Secretary
Office of Undergraduate Admissions

Flavia Gordon
Assistant to the Executive Director
Office of Undergraduate Admissions

Dana Grubert
Student Records Assistant I
Office of Undergraduate Admissions

Pat Knapik
Student Records Assistant II
Office of Undergraduate Admissions

Carmen Lyons
Student Records Assistant I
Office of Undergraduate Admissions

Joseph Ortiz
Administrative Assistant
Office of Undergraduate Admissions

James St. Louis
Clerical Assistant III
Office of Undergraduate Admissions

Troy Raaidy
Administrative Assistant
Office of Undergraduate Admissions

Antonia Truxall
Secretary
Office of Undergraduate Admissions

College of Allied Health and Nursing

Executive Administration

Richard E. Davis
Dean/Professor

Guy M. Nehrenz
Associate Dean for College Operations/Associate Professor
Chair, Department of Health Science

Diane Whitehead
Associate Dean/Professor
Chair, Department of Nursing

Stanley Wilson
Associate Dean for Clinical Operations/Associate Professor
Chair, Physical Therapy Department

Elizabeth Harman
Director of Administration

Jodie Berman
Director of Student Affairs

Emer Natalio
Multimedia Instructional Designer and Database Manager

Sarah Ransdell
Associate Professor

Sidelle Silverstein
Assistant to the Dean

Department of Health Science

Terrence D. Case
Director
Vascular Sonography Program

Jodi Clark
Assistant Professor

Sandrine Gaillard-Kenney
Associate Chair
Health Science Department
Director
Master of Health Science Program

Nathalie Garbani
Assistant Professor
Vascular Sonography Program

Lauren Hojdila
Assistant Professor
Anesthesiologist Assistant Program

Peter Holub
Assistant Professor

Patricia E. Kelly
Director/Associate Professor
Doctor of Health Science Program

Luly Lopez
Department Coordinator

Charles Lewis
Assistant Professor

Franklin Minnis
Clinical Administrator
Anesthesiologist Assistant Program

Christopher T. Mitchell
Director
Bachelor of Health Science Program

Michael Nichols
Assistant Professor
Anesthesiologist Assistant Program

Candice Novack
Administrative Coordinator

Briana Nunnery
Academic Support Coordinator

William Orr
Assistant Professor
Anesthesiologist Assistant Program

Wanda Ramos
Assistant Professor
Vascular Sonography Program

Don Sokolik
Medical Director
Anesthesiologist Assistant Program

Irene Tasca
Administrative Clinical Coordinator
Vascular Sonography Program

Robert Wagner
Director
Anesthesiologist Assistant Program

Nursing Department

Theresa Conte
Assistant Professor

Peggy Davis
Assistant Professor

Marcia Derby
Assistant Professor

Patricia Dittman
Director/Assistant Professor
Nursing Graduate Programs

Bibi Jameer
Academic Support Coordinator

Robin Lapin
Assistant Professor

Barbara MacDougall
Assistant Professor

Mary Ellen Mitchell-Rosen
Assistant Professor

Denise Richardson
Nursing Support Coordinator

John Silver
Assistant Professor

Lisa Soontupe
Associate Professor

Wendy Thomson
Assistant Professor

Sally Weiss
Director/Professor
R.N. to B.S.N.—Fort Lauderdale Campus

Gale Woolley
Director/Professor
Entry-Level R.N. Program

Robin Wucher

Fabiola Zephir
Nursing Support Coordinator

Nursing Department—Ft. Myers

Terry Ogilby
Associate Professor

Linda Strommen
Director/Assistant Professor
R.N. to B.S.N.—Ft. Myers Program

Nursing Department—Orlando

Diane John
Associate Professor

Farquhar College of Arts and Sciences

Executive Administration

Don Rosenblum
Dean/Associate Professor
Office of the Dean
B.A., University of Maryland
M.A., The Ohio State University
Ph.D., The Ohio State University

Naomi D'Alessio
Associate Dean/Assistant Professor
Office of the Dean
B.S., SUNY at Albany
M.S., SUNY at New Paltz
Ph.D., Florida International University

Eddie Dominguez
Assistant Dean
College Operations
Office of the Dean
B.B.A., Florida International University
M.B.A., University of Miami

Jacqueline Jenkins
Assistant Dean
Outcome Assessment
Office of the Dean
B.S., Memphis State University
M.A., Memphis State University
Ed.D., Vanderbilt University

Saul Sztam
Assistant Dean
College Student Affairs
B.A., Florida Atlantic University
M.S., Florida International University
Ed.D., Florida International University

Michael J. Caldwell
Director
Performing and Visual Arts
B.M., University of Miami
D.M.A., University of Arizona
M.M., University of Miami

Matthew He
Director/Professor
Division of Math, Science, and Technology
B.S., Shanxi Teachers University
M.A., University of South Florida
Ph.D., University of South Florida

Michael Rieter
Interim Director/Associate Professor
Division of Social and Behavioral Sciences
B.S., University of Florida
Ed.S., University of Florida
Ph.D., Nova Southeastern University

Marlisa Santos
Director/Associate Professor
Division of Humanities
B.A., Florida Atlantic University
M.A., University of Miami
Ph.D., University of Miami

Faculty

Saeb H. Abdallah
Visiting Professor
Division of Math, Science, and Technology
B.S., The American University
BSEE, University of Florida
M.S., Kent State University
MSEE, University of Florida
Ph.D., University of Texas

Jose S. Antonio
Assistant Professor
Division of Math, Science, and Technology
B.S., The American University
M.S., Kent State University
Ph.D., University of Texas

Bill Adams
Assistant Professor
Division of Performing and Visual Arts
B.M., University of Kentucky
D.M.A., University of Miami

Alfred K. Addo-Mensah
Visiting Professor
Division of Math, Science, and Technology
B.S., University of Cape Coast
M.S., University of Maryland

Ahmed Albatineh
Assistant Professor
Division of Math, Science, and Technology
B.S., Yarmouk University
M.S., Western Michigan University
M.S.O.R., Western Michigan University
Ph.D., Western Michigan University

Steven Alford
Professor
Division of Humanities
B.A., University of Texas - Austin
M.A., University of North Carolina - Chapel Hill
Ph.D., University of North Carolina - Chapel Hill

Paul Arena
Assistant Professor
Division of Math, Science, and Technology
B.S., Rutgers University
M.S., Nova Southeastern University
Ph.D., Nova Southeastern University

Beatrix Aukszi
Instructor
Division of Math, Science, and Technology
B.S., Jozsef Attila University of Science
M.S., Florida Atlantic University

Joyce Avotri-Wuaker
Assistant Professor
Division of Social and Behavioral Sciences
B.A., University of Ghana
M.A., McMaster University
Ph.D., McMaster University

Donald Baird
Assistant Professor
Division of Math, Science, and Technology
B.S., Michigan State University
Ph.D., SUNY at Buffalo

Paul Baldauf
Associate Professor
Division of Math, Science, and Technology
B.A., University of Tennessee
M.S., The George Washington University
Ph.D., The George Washington University

Maria Ballester
Assistant Professor
Division of Math, Science, and Technology
B.S., Florida International University
Ph.D., Florida International University

Barry Barker
Associate Professor
Division of Math, Science, and Technology
B.S., Eastern Illinois University
M.S., University of Illinois
M.Ed., University of Delaware
Ed.D., Nova Southeastern University

Abdelkrim Bourouihiya
Visiting Professor
Division of Math, Science, and Technology
M.S., University of Maryland
Ph.D., University of Maryland

James A. Brecher
Instructor
M.P.A., University of Illinois

Allison Brimmer
Assistant Professor
Division of Humanities
B.A., Simpson College
M.A., University of South Florida
M.A., Iowa State University
Ph.D., University of South Florida

Barbara Brodman
Professor
Division of Humanities
B.A., University of Vermont
M.I.B.A., Nova University
M.A., University of New Hampshire
Ph.D., University of Florida

Shanti Bruce
Assistant Professor/Coordinator of Writing Program
Division of Humanities
B.A., University of North Alabama
M.A., University of North Alabama
Ph.D., Indiana University of Pennsylvania

Curtis Burney
Associate Professor
Division of Math, Science, and Technology
B.S., Nebraska Wesleyan University
M.S., University of Rhode Island
Ph.D., University of Rhode Island

Michelina Carbonara
Visiting Professor
Division of Humanities
B.A., Florida Atlantic University
M.A., Florida Atlantic University

Ricardo Carrera
Assistant Professor
Division of Math, Science, and Technology
B.S., University of Michigan
M.S., University of Florida
Ph.D., University of Florida

Diego Castano
Associate Professor
Division of Math, Science, and Technology
B.S., University of Miami
M.S., University of Miami
Ph.D., University of Florida

Victor Castro
Assistant Professor
Division of Math, Science, and Technology
M.S., Universidad de Oriente
M.S., University of Miami
Ph.D., University of Miami

Mark Cavanaugh
Associate Professor/Faculty Athletic Representative
Division of Social and Behavioral Sciences
B.A., Iona College
M.A., University of Notre Dame
Ph.D., University of Notre Dame
Naomi D'Alessio
Associate Dean/Assistant Professor
Office of the Dean
B.S., SUNY at Albany
M.S., SUNY at New Paltz
Ph.D., Florida International University

Timothy Dixon
Associate Professor/Coordinator of History/Politics
Division of Humanities
B.A., University of the Pacific
M.A., University of Alabama
J.D., Santa Clara University

James Doan
Professor
Division of Humanities
B.A., University of California at Santa Cruz
M.A., University of California at Los Angeles
M.A., Harvard University
Ph.D., Harvard University

Jennifer L. Donelson
Assistant Professor
Division of Performing and Visual Arts
B.S., North Dakota State University
M.M., University of Nebraska

Mark Duncan
Assistant Professor/Coordinator of Performing Arts
Division of Performing and Visual Arts
B.A., Coastal Carolina University
M.F.A., Virginia Commonwealth University

Chetachi Egwu
Assistant Professor
Division of Humanities
B.A., Suny at Buffalo
M.A., Howard University
Ph.D., Howard University

Thomas Fagan
Associate Professor
Division of Social and Behavioral Sciences
B.A., Rutgers University
M.S., Virginia Tech
Ph.D., Virginia Tech

Joshua Feingold
Associate Professor
Division of Math, Science, and Technology
B.S., Trinity College
M.S., University of Miami
Ph.D., University of Miami

Suzanne Ferriss
Professor
Division of Humanities
B.A., Nova University
M.A., University of Miami
Ph.D., University of Miami

Megan P. Fitzgerald
Assistant Professor
B.A., Stonehill College
M.A., Syracuse University
Ph.D., Florida State University

Yvette Fuentes
Associate Professor
Division of Humanities
B.A., Barry University
M.A., University of Miami
Ph.D., University of Miami

Jessica Garcia-Brown
Assistant Professor/Coordinator of Paralegal Studies
Division of Social and Behavioral Sciences
B.S., University of Miami
J.D., Nova Southeastern University
LL.M., St. Thomas University

Dan Gelbmann
Assistant Professor
Division of Performing and Visual Arts
B.A., Concordia College, Moorhead
M.F.A., University of Hawaii

Gary Gershman
Associate Professor
Division of Humanities
B.A., Villanova University
M.A., Duke University
J.D., Villanova University
Ph.D., Duke University

Jason Gershman
Assistant Professor
Division of Math, Science, and Technology
B.A., Rice University
M.A., Rice University
Ph.D., Rice University

Dimitrios Giarikos
Associate Professor/Coordinator of Science
Division of Math, Science, and Technology
B.S., Baldwin-Wallace College
Ph.D., University of California, Irvine

Michele Grillo
Instructor
Division of Math, Science, and Technology
B.S., University of Massachusetts
M.A., Rutgers University

Vivian Haddad
Lecturer
Division of Math, Science, and Technology
B.A., University of Puerto Rico
M.S., Nova Southeastern University

Lena Hall
Associate Professor
Division of Social and Behavioral Sciences
B.A., York University
M.A., Teacher's College, Columbia University
M.Ed., Teacher's College, Columbia University
Ph.D., University of Florida

Evan Haskell
Assistant Professor
Division of Math, Science, and Technology
B.A., New York University
M.S., New York University
Ph.D., New York University

Matthew He
Director/Professor
Division of Math, Science, and Technology
B.S., Shanxi Teachers University
M.A., University of South Florida
Ph.D., University of South Florida

Darren Hibbs
Assistant Professor
Division of Humanities
B.A., University of Tennessee at Chattanooga
M.A., University of South Carolina
Ph.D., University of Arkansas

Eric J. Hochberg
Assistant Professor
Division of Math, Science, and Technology
B.A., Brown University
M.S., University of Hawaii
Ph.D., University of Hawaii

Stuart Horn
Distinguished Professor
Division of Humanities
B.B.A., City College of New York
Ph.D., City University of New York

Wolf Iberkleid
Assistant Professor
Division of Math, Science, and Technology
B.S., Columbia University
M.S., The State University of New York, Rutgers
Ph.D., The State University of New York, Rutgers

Christine Jackson
Professor
Division of Humanities
B.A., University of New Hampshire
M.A., University of New Hampshire
Ph.D., State University of New York at Albany

Mark Jaffe
Assistant Professor
Division of Math, Science, and Technology
B.A., University of Kansas
M.H.S.A., Florida International University
D.P.M., Doctor William M Scholl School of Podiatric Medicine

George R. Kakoti
Associate Professor
Division of Social and Behavioral Sciences
LL.M., Indiana University of Law
M.A., Indiana University
Ph.D., Indiana University

Edward Keith
Associate Professor
Division of Math, Science, and Technology
B.S., Colorado State University
M.S., Colorado State University
Ph.D., University of California at Santa Cruz

Paul Kenison
Associate Professor
Division of Math, Science, and Technology
B.A., Saint Aneslem College
M.S., University of South Carolina
Ph.D., Northeastern University
D.Sc., University of Massachusetts

David Kilroy
Associate Professor
Division of Humanities
B.A., University College Dublin
M.A., University College Dublin
Ph.D., University of Iowa

Ellen Kracoff
Assistant Professor
Division of Social and Behavioral Sciences
B.S., Barry University
M.S., Florida International University
J.D., Nova Southeastern University

Elana E. Lanczi
Assistant Professor
Division of Performing and Visual Arts
B.A., The George Washington University
M.S., Temple University

Stephen Levitt
Associate Professor
Division of Humanities
B.A., York University
LL.B., Osgoode Hall Law School
LL.M., London School of Economics and Political Science

Josh Loomis
Assistant Professor
Division of Math, Science, and Technology
B.S., University of Florida
Ph.D., Pennsylvania State University

Jose Lopez
Associate Professor
Division of Math, Science, and Technology
B.S., Georgia Institute of Technology
M.S., Florida State University
Ph.D., George Mason University

Mindy Ma
Assistant Professor/Coordinator of Psychology
Division of Social and Behavioral Sciences
B.S., Brown University
M.S., University of Miami
Ph.D., University of Miami

Eric Mason
Assistant Professor
Division of Humanities
B.A., Florida Atlantic University
M.A., Florida Atlantic University
Ph.D., University of South Florida

Kelly J. McCaffrey
Visiting Professor
Division of Humanities
B.A., Emory University
M.A., Georgia State University

David McNaron
Associate Professor
Division of Humanities
B.A., University of Alabama-Birmingham
M.A., University of Miami
Ph.D., University of Miami

Madhavi Menon
Assistant Professor
Division of Social and Behavioral Sciences
B.A., University of Delhi
M.A., University of Delhi
Ph.D., Florida Atlantic University

Charles Messing
Professor
Division of Math, Science, and Technology
B.A., Rutgers University
M.S., University of Miami
Ph.D., University of Miami

Ben Mulvey
Associate Professor
Division of Humanities
B.A., Florida Technological University
M.A., Michigan State University
Ph.D., Michigan State University

Vehbi E. Paksoy
Assistant Professor
Division of Math, Science, and Technology
B.Sc., Middle East Technical University
M.Sc., Bilkent University
Ph.D., Brandeis University

Jeremy Perotti
Assistant Professor
Division of Math, Science, and Technology
B.S., University of Southern California
Ph.D., University of California

Jason Piccone
Assistant Professor
Division of Social and Behavioral Sciences
B.A., University of California
M.A., California State University
Ph.D., Virginia Commonwealth University

Saed Rajput
Assistant Professor/Assistant Director
Division of Math, Science, and Technology
M.S., University of Southern California
M.S., Philips International Institute of Technology
Ph.D., University of Southern California

Jose A. Ramos
Visiting Professor
Division of Math, Science, and Technology
BSCE, University of Puerto Rico
MSCE, George Institute of Technology
Ph.D., George Institute of Technology

Reza Razeghifard
Assistant Professor
Division of Math, Science, and Technology
B.S., Shahid Beheshti University
M.S., University of Tehran
Ph.D., Australian National University

Jennifer Reem
Instructor/Coordinator of Communication Program
Division of Humanities
B.S., Southwest Missouri State University
M.S., Southern Illinois University

Michael Reiter
Interim Director/Associate Professor
Division of Social and Behavioral Sciences
B.S., University of Florida
Ed.S., University of Florida
Ph.D., Nova Southeastern University

Megan E. Rittler
Instructor
Division of Math, Science, and Technology
M.S., Virginia Tech

Deanne Roopnarine
Assistant Professor
Division of Math, Science, and Technology
B.Sc., Mount Allision University
M.S., Barry University
D.P.M., Barry University

Don Rosenblum
Dean/Associate Professor
Office of the Dean
B.A., University of Maryland
M.A., The Ohio State University
Ph.D., The Ohio State University

Barbara A. Ryan
Assistant Professor
Division of Performing and Visual Arts
B.F.A., Kutztown University
M.F.A., Norfolk University

Antonio Samra
Instructor
Division of Math, Science, and Technology
B.S., Georgia Institute of Technology
M.S., Southern Polytechnic State University
M.B.A., East Carolina University
M.A.T., The Citadel

Gerri Sant
Instructor
Division of Math, Science, and Technology
B.A., University of Pittsburgh
M.S., Barry University

Marlisa Santos
Director/Associate Professor
Division of Humanities
B.A., Florida Atlantic University
M.A., University of Miami
Ph.D., University of Miami

Glen Scheyd
Assistant Professor
Division of Social and Behavioral Sciences
B.A., University of Texas
M.S., University of New Mexico
Ph.D., University of New Mexico

Emily Schmitt
Associate Professor/Coordinator of Biology Science
Division of Math, Science, and Technology
B.S., Towson University
Ph.D., University of Miami

Allan Schulman
Professor
Division of Social and Behavioral Sciences
B.A., Temple University
M.S., Pennsylvania State University
Ph.D., Pennsylvania State University

Vic Shanbhag
Associate Professor
Division of Math, Science, and Technology
B.Sc., University of Bombay
M.Sc., Indian Institute of Technology
Ph.D., Texas A&M University

Andrea Shaw
Assistant Director/Assistant Professor
Division of Humanities
B.B.A., Florida International University
M.A., Florida International University
Ph.D., University of Miami

Robin Sherman
Associate Director/Associate Professor
Division of Math, Science, and Technology
B.S., Nova Southeastern University
M.S., Nova Southeastern University
Ph.D., Nova Southeastern University

Mahmood Shivji
Professor
Division of Math, Science, and Technology
B.Sc., Simon Fraser University
M.A., University of California at Santa Barbara
Ph.D., University of Washington

Tennille D. Shuster
Assistant Professor
Division of Performing and Visual Arts
B.F.A., James Madison University
M.F.A., Florida Atlantic University

Don Smith
Lecturer
Division of Math, Science, and Technology
B.S., University of Michigan
M.S., University of Michigan

Eileen Smith-Cavros
Associate Professor
Division of Social and Behavioral Sciences
B.A., Mount Holyoke College
M.S., Florida International University
M.F.A., Minnesota State University, Mankato
Ph.D., Florida International University

Richard Spieler
Professor
Division of Math, Science, and Technology
B.S., Arkansas State University
B.A., University of Maryland
M.S., Arkansas State University
Ph.D., Louisiana State University

Lorraine Stanchich
Visiting Professor
Division of Humanities
B.A., William Paterson University
M.A., Fairleigh Dickinson University

Iuliana Stanculescu
Instructor
Division of Math, Science, and Technology
B.S., University of Craiova
M.S., University of Craiova

Valerie G. Starratt
Visiting Professor
Division of Social and Behavioral Sciences
B.S., Florida Atlantic University
M.A., Florida Atlantic University
Ph.D., Florida Atlantic University

Weylin Sternglanz
Assistant Professor
Division of Social and Behavioral Sciences
B.A., Pomona College
M.A., University of Virginia
Ph.D., University of Virginia

Edwin Stieve
Associate Professor
Division of Humanities
B.A., Valparaiso University
M.A., Valparaiso University
Ph.D., Michigan State University

Kip D. Strasma
Associate Professor
Division of Humanities
B.A., Saint Louis University

Elizabeth Swann
Assoc Professor/Program Director of Athletic Training
Division of Math, Science, and Technology
B.S./ESS, Southwest Texas State University
M.A., University of Texas
Ph.D., University of Southern Mississippi

Phyllis Sweeney
Assistant Professor
Division of Math, Science, and Technology
B.A., University of Delaware
M.A., University of South Florida
Ph.D., University of South Florida

Raisa Szabo
Associate Professor
Division of Math, Science, and Technology
Ph.D., Technical University of Budapest, Hungary

Aurelien Tartar
Assistant Professor
Division of Math, Science, and Technology
M.S., Institute National Agronomique Pairs Grignon
Ph.D., University of Florida

Jaime Tartar
Assistant Professor
Division of Social and Behavioral Sciences
B.S., Nova Southeastern University
M.A., Florida Atlantic University
Ph.D., University of Florida

James Thomas
Professor
Division of Math, Science, and Technology
B.S., Louisiana State University
M.S., Louisiana State University
Ph.D., Florida Institute of Technology

Vicki Toscano
Assistant Professor
Division of Humanities
B.A., Muhlenberg College
J.D., SUNY at Buffalo
Ph.D., SUNY at Buffalo

Pradeep R. Vanguri
Assistant Professor
Division of Math, Science, and Technology
B.S., East Carolina University
M.S., North Carolina State University
Ph.D., University of Alabama

Eduardo Veliz
Assistant Professor
Division of Math, Science, and Technology
M.S., University of Kansas
M.S., University of Panama
Ph.D., University of Kansas

Michael Voltaire
Assistant Professor
Division of Social and Behavioral Sciences
B.A., Florida International University
M.S., Florida International University
Ph.D., Florida International University

Kathleen Waites
Professor
Division of Humanities
B.A., Holy Family College
M.A., Villanova University
Ph.D., University of Nebraska-Lincoln

Lynn Wolf
Associate Professor
Division of Humanities
B.A., University of Miami
M.A., Florida Atlantic University
Ph.D., University of Miami

Charles Zelden
Professor
Division of Humanities
B.A., Washington University
M.A., Washington University
Ph.D., Rice University

Fuzhen Zhang
Professor
Division of Math, Science, and Technology
B.Sc., Shenyang Teacher's College
M.A., Beijing Normal University
Ph.D., University of California at Santa Barbara

Bashar Zogheib
Assistant Professor
Division of Math, Science, and Technology
B.Sc., Beirut Arab University
M.Sc., University of Windsor
Ph.D., University of Windsor

Professional Staff

Detra Adams
Coordinator of On-Campus Tutoring
Office of Academic Services
B.A., Florida Atlantic University
M.A., Florida Atlantic University

Santa Alimonte
Office Coordinator
Division of Humanities

Julie Altschuler-Behar
Coordinator of Testing
Office of Academic Services
B.A., Guilford College
M.A., Lesley University

Janet M. Anderson
Academic Advisor I
Office of Academic Advising
B.S., Nova Southeastern University
M.S., Nova Southeastern University

Ed Aqua
Director of LLI
Lifelong Learning Institute
B.S., Columbia University
M.S., Columbia University
D.Eng., Yale University

Paula Barnett
Academic Advisor I
Office of Academic Advising

Barbara Berner
Director of Operations
Office of the Dean
B.S., Nova University
M.S., Nova Southeastern University
M.S., Nova University

Kirk Berner
Director of Student Services
Office of the Dean
B.S., Nova Southeastern University
M.P.A., Nova Southeastern University

Brandon D. Bielich
Copy Writer
Office of information Serives
B.A., University of Central Florida

Kevin Billings
Assistant Director, Web & Application Development
Office of Information Services
B.S., Nova Southeastern University

Elizabeth Braegger
Web and Desktop Publishing Speicalist
Office of Information Services
A.S., Institute of Fort Lauderdale

Michael Brochu
Academic Advisor I
Office of Academic Advising
B.A., Saint Leo University
M.S., Nova Southeastern University

Natalie Candela
Coordinator of Off-Campus Tutoring
Office of Academic Services
B.A., Queens College
M.Ed., University of North Carolina

Kimberly Chalk
Academic Advisor I
Division of Social and Behavioral Sciences
B.S., Ball State University
M.S., University of North Florida

Ada Christie
Assistant Director of Operations
Office of the Dean
B.S., Nova Southeastern University

Trisha Coats
Academic Advisor I
Office of Academic Advising
B.S., Nova Southeastern University

Arnie Cohen
Assistant Director of Enrollment Reporting and Data Quality
Office of the Dean
B.S., University of Vermont

Marikay Concannon
Senior Academic Advisor
Office of Academic Advising
B.A., Nova Southeastern University
M.H.C., Nova Southeastern University

Chris Densmore
Academic Advisor I
Office of Academic Advising
B.S., Nova Southeastern University
M.B.A., Nova Southeastern University

Andrew Dunne
Assistant Director of Network and Computing Services
Office of the Dean
B.S., Nova Southeastern University

Beatriz Fernandez
Academic Advisor I
Office of Academic Advising
B.S., Florida International University
M.S., Southern Illinois University

Edward Fitzpatrick
Facility Manager
Division of Performing and Visual Arts
B.F.A, Culver-Stockton College

Jill Gambill
Assistant Director/Editor
Office of Information Services
B.A., University of Wales
M.A., University of Sydney

Omar Grant
Coordinator of Laboratory Operations
Division of Math, Science, and Technology
B.S., SUNY

Shelly Hamilton
Coordinator of Enrollment Services
Office of Academic Advising
B.S., University of Buffalo
M.S., Barry University

Lisa Hickman
Director of Development
Office of the Dean
B.A., Florida Atlantic University
M.B.A., Florida Atlantic University

Kathleen M. Kernicky
Writer/Editor
Office of information Services
B.S., Florida International University
M.A., Ohio State University

R. Elizabeth Koenig
Academic Advisor II
Office of Academic Advising
B.S., Nova Southeastern University
M.S., Nova Southeastern University

Kathy Kroll
Coordinator for Human Resources
Office of the Dean

Margaret Ledford
Theatre Technical Manager
Division of Performing and Visual Arts

Alla Levin
Senior Academic Advisor
Office of Academic Advising
A.A., Miami-Dade Community College
B.A., University of Miami
M.A., University of Miami

Gail Levine
Assistant Director of Academic Services
Office of Academic Services
B.A., University of Florida
M.S., Barry University
Ed.S., Barry University

Gretel Prieto
Office Coordinator
Division of Social and Behavioral Sciences

Haymanot Makonnen
Assistant Director, Finance and Budget
Office of the Dean
B.S., Nova Southeastern University

Diego Mishler-Jimenez
Database Administrator
Office of Information Services
B.B.A., Florida International University
M.M.I.S., Nova Southeastern University

Patricia Murray
Academic Advisor I
Office of Academic Advising
B.S., Nova Southeastern University

Joel Nemes
Director of Student Development & Retention
Office of Student Development and Retention
B.S., University of Florida
M.S., Nova Southeastern University

Kirk Palmer
Academic Advisor I
Office of Academic Advising
B.A., St. Thomas University

Lori Panteleao
Academic Advisor I
Office of Academic Advising
B.S., Nova Southeastern University

Barbara C. Ocana
Coordinator of Academic Programs
Office of the Dean
B.A., University of West Florida

Tracy Villanueva
Enrollment Specialist
Office of the Dean

Michael Powers
Manager of Computer Services
Office of the Dean

Alyssa Rothman
Director of Office of Information Services
Office of Information Services
B.A., University of Massachusetts
M.S., Nova Southeastern University

Jayne Schatz
Director of Enrollment Services
Office of the Dean
B.A., University of Massachusetts
M.A., University of British Columbia

Rehana Seepersad
Coordinator of Special Projects
Office of the Dean
B.S., Nova Southeastern University
M.B.A., Nova Southeastern University

Suzette Siviter
Senior Academic Advisor
Office of Academic Advising
B.A., Siena Heights College
M.P.A., University of Toledo

Carmen Sosa
Assistant Director, Enrollment Services
Office of Academic Advising
B.S., Jersey City State College
M.A., Jersey City State College

Anthony Traveis
Web Developer I
Office of Information Services
B.S., Auburn University

Lisa Walther-Austin
Director of Academic Services
Office of Academic Services
B.A., Rutgers University
M.P.A., Rutgers University

Dewayne Weise
Coordinator of Data Analysis
Office of the Dean
B.S., Nova Southeastern University

Diane Wilson Dwyer
Academic Advisor I
Office of Academic Advising
B.A., Florida Atlantic University
M.S., Nova Southeastern University

Administrative Staff

Jennifer Bennett
Administrative Assistant
Office of Academic Advising

Gemma Barnacle
Laboratory Assistant
Division of Math, Science, and Technology

Lindsey Bartels
Assistant to the Director of Performing and Visuals Arts
Division of Performing and Visual Arts

Shanntell Billins
Administrative Assistant
Division of Math, Science, and Technology

Diana Campbell
Administrative Assistant
Office of Academic Advising

Elizabeth Citro
Assistant to the Associate Dean
Office of the Dean

Shantell Davis
Administrative Assistant
Office of Academic Advising

Danny Dorvilier
Computer Support Specialist
Office of the Dean

Heike Dose
Assistant to the Director
Lifelong Learning Institute

Maria Farrell
Science Lab Assistant
Division of Math, Science, and Technology

Edgar Flores
Computer Support Specialist
Office of the Dean

Dorothy Hayes-Dipol
Administrative Assistant
Division of Humanities

Nicole Hook
Assistant To the Executive Director of Finance and Operations
Office of the Dean

Marilyn Kriss
Assistant to the Assistant Director of Operations
Office of the Dean

Nancy D. Lespinasse
Administrative Assistant
Office of Information Services

Kelly Little
Assistant to the Director of Operations
Division of Humanities

Kimberly Loomis
Administrative Assistant
Division of Math, Science, and Technology

Gracie Lopez
Executive Assistant to the Dean
Office of the Dean

Marie J. Luma
Assistant to the Director of Humanities
Division of Humanities

Vanessa Mezquia
Administrative Assistant
Office of the Dean

Karin Moore
Assistant to the Director
Division of Math, Science, and Technology

Leonisa Munoz
Administrative Assistant
Office of the Dean

Raquel Palacio
Assistant to the Director
Division of Social and Behavioral Sciences

Susie Perlman
Clerical Assistant III
Office of Academic Advising

Sandra Rivera-Harris
Administrative Assistant
Office of Academic Services

Adriana Rodriguez
Administrative Assistant
Division of Social and Behavioral Sciences

Katherine Shade
Administrative Assistant
Division of Math, Science, and Technology

Marsha L. Smith
Administrative Assistant
Office of Academic Services

Jennifer Taramona
Clerical Assistant III
Office of Academic Services

Stephanie Torres
Administrative Assistant
Office of the Dean

Kimberly Vardeman
Office Coordinator
Division of Math, Science, and Technology

Fischler School of Education and Human Services

Executive Administration

H. Wells Singleton
Education Provost and University Dean
M.A., Southern Methodist University
Ph.D., Stanford University

Nelson E. Diaz
Executive Dean for Operations and Planning
M.A., Florida International University
Ed.S., University of Florida
Ed.D., Nova Southeastern University

Kim Durham
Executive Dean for Administration and Human Services
M.S., Nova Southeastern University
Psy.D., Nova Southeastern University

John G. Flores
Executive Dean
M.Ed., Boston University
C.A.G.S., Boston State College/University of Mass.
Ph.D., University of Connecticut

Maryellen Maher
Executive Dean for Research and Planning
M.Ed., University of Florida
Ph.D., University of Florida

Dana Mills
Executive Dean
M.Ed., University of Rhode Island
Ph.D., University of Rhode Island

Tara Saltzman
Executive Dean of Strategic Initiatives and Global Enterprise for Academic Development
M.Ed., Lynn University
Ph.D., Lynn University

Jorge Blanco
Comptroller
B.A., Biscayne College
M.A., Nova Southeastern University

Wayne Driscoll
Dean of Faculty
M.Ed., Wright State University
Ed.D., Teachers College, Columbia University

Jamie Manburg
Dean of Undergraduate Teacher Education
M.S., Nova Southeastern University
Ed.D., Nova Southeastern University

Marliese Hogan
Director of Placement Services/Program Professor
M.S., Nova Southeastern University
Ed.D., Nova Southeastern University

Laura Fuchs
Academic Program Director
M.Ed., Boston University

Terry Davis
Director of Undergraduate Enrollment and Recruitment
M.S., Nova Southeastern University

Faculty

H. Wells Singleton
Education Provost and University Dean
Ph.D., Stanford University

Liezette I Abel-Ruffin
International Program Liason/Program Professor
Ed.D., Nova Southeastern University
M.B.A., Nova Southeastern University

Julie G. Alemany
Program Professor/GTEP
D.Ed., Nova Southeastern University
M.S., Florida Atlantic University
M.Ed., Florida Altantic University
B.S., University of Wisconsin La Crosse

Soledad Arguelles-Borge
Program Professor
Ph.D., Nova Southeastern University
M.S., Nova Southeastern University

Clyde A. Bailey
Admissions Counselor/Professor
Ph.D., Nova southeastern University
M.S., University of the West Indies

Jerry Bartolomeo
Program Professor/Math Education
Ph.D., University of Florida
M.S., University of Florida

Vesna K. Beck
Lead Simulation Adm/Program Professor
Ed.D., Nova Southeastern University
M.A., Ball State University

Jorge L. Blanco
Comptroller
M.Acc., Nova Southeastern University

Elaine S. Bloom
Speech Pathologist
M.S., Emerson College

Paul B. Borthwick, Jr.
Coordinator/Program Professor
Ph.D., University of Akron
M.S., University of Akron

Karen D. Bowser
Associate Dean/Program Professor
D.Ed., Pennsylvania State University
M.Ed., Pennsylvania State University

Tambi L. Braun
Assistant Director/Program Professor/SIGEAD
SLP.D., Nova Southeastern University
M.S., Nova Southeastern University
B.S., University of Witwatersrand

Tony D. Bright
Program Professor/Special Ed
Ph.D., Michigan State University
M.A., University Alabama Tuscaloosa

Jacquelyn S. Browne Dwoskin
Program Professor/Gerontology Inititive
Ph.D., Union Institute & University
M.S.W., New York University

Diane E. Bryant
Doctoral Enrollment Counselor/Program Professor
Ph.D., University of Pittsburgh
M.S., University of Pittsburgh

Andrew J. Bucker
Program Professor
Ph.D., University of Miami
M.S., Lynn University
B.A., Lynn University

Marsha L. Burmeister
Director Instructor Technology/Program Professor
Ed.D., Nova Southeastern University
M.A., University West Florida
M.S., University South Florida
M.Ed., University West Florida

Teresa J . Butterweck
Speech PathologyProgram Instructor
M.S., Nova Southeastern University

Marcelo Castro
Program Professor/Human Services
Ph.D., University of Miami
M.Ed., University of Miami

Lina I Chiappone
Program Professor/TESOL
Ph.D., University of Miami
M.Ed., University of Miami
B.A., University of Miami

Mary A Clisbee
Program Professor
Ed.D., University of Massachusetts Lowell
M.Ed., Salem State College

Alan K. Cohen
Program Professor
Ed.D., Temple University
M.S., University Pittsburgh at Pittsburgh

Mel D. Coleman
Program Professor
Ed.D., Teacher's College, Columbia University
M.Ed., Ohio Univerity Athens

James F. Collins
Director/Program Professor
Ed.D., Syracuse University

Mary C. Collins
Program Professor
Ph.D., Syracuse University
M.S., Syracuse University

Denise E. Crammer
Coordinator/Program Professor
Psy.D., Carlos Albizu University
M.S., Carlos Albizu University
Cert., St. Thomas University Miami

Ronald J. Cugno
Special Program Administrator/Program Professor
Ed.D., Nova Southeastern University
M.Ed., Bridgewater State College
B.A., Bridgewater State College

Nydia Cummings
Program Professor
Ph.D., University of Miami
M.S., Arkansas State University

Todd A. Curless
Program Professor/Education
Ph.D., Florida State University
M.S., Indiana University Boomington

Susan L. Davis
Program Professor, Organizational Leadership
Ed.D., Nova Southeastern University
M.S., Nova Southeastern University

Maribel Del Rio
Program Professor
Psy.D., Carlos Albizu University
M.A., Florida International University
M.S., Carlos Albizu University

Anthony J. DeNapoli
Dean/Program Professor
Ed.D., Nova Southeastern University
M.A., New York University
B.A., Hofstra University

Charlene M. Desir
Doctoral Admissions Counselor/Program Professor
Ed.D., Harvard University-Grad School Education
M.A., Tufts University
M.Ed., Harvard University-Grad School Education
B.A., Tufts University

Nelson E. Diaz
Executive Dean of Planning and Operations
Ed.D., Nova Southeastern University
Ed.S., University of Florida
M.Ed., Florida International University

Fredrick DiCarlo
Program Instructor
M.S., Nova Southeastern University

Gretchen M. Donndelinger
Program Professor/Adminstrator
Ed.D., University of Souhern California
M.S., National University

Kenneth R. Dose
Assoicate Dean/Program Professor
Ed.D., Nova Southeastern University
M.A.T., Nova Southeastern University

John C. Drewes
Program Professor
Ed.D., University Massachusetts Amherst
M.A., CUNY-City College

Wayne T. Driscoll
Dean/Program Professor
Ed.D., Teacher's College, Columbia University
M.Ed., Wright State University

Kimberly D. Durham
Executive Dean/Liason/Program Professor
Psy.D., Nova Southeastern University
M.S., Nova Southeastern University

William A. Edmonds
Program Professor
Ph.D., Florida State University
M.S., Florida State University

Melissa W. Edrich
Program Instructor
M.S., Nova Southeastern University

John M. Enger
Progran Profeesor
Ph.D., University of Iowa
M.S., Winona State University

Charles L. Faires
Program Dean/Program Professor
Ph.D., Kent State University
M.S., University of Georgia Athens

Jorge M Fernandez de Cueto
Program Professor/ILALE
Ph.D., University of California-Irvine

Ramon Ferreiro
Program Professor/Liason
Ph.D., U.S.S.R University

Abraham S. Fischler
President Emeritus/University Professor
Nova Southeastern University
Ed.D., Columbia University

Helene R. Fisher
Program Professor
SLP.D., Nova Southeastern University
M.A., New York University
B.S., University of Cape Town

Melba G. Fletcher
Director/Program Professor
Ed.D., University Alabama Tuscaloosa
M.Ed., Troy University

John G. Flores
Executive Dean
Ph.D., University of Connecticut
M.Ed., Boston University

Dana L. Fredebaugh
Program Professor
Ph.D., University of Miami
M.A., University Virgin Islands
M.S., Univesity of Miami

Melinda K. Fronrath
Program Professor/EDL
Ed.D., Nova Southeastern University
M.Ed., Ashland University
B.S., Ashland University

Michael W. Gaffley
Program Professor
Ed.D., Nova Southeastern University
M.S., Nova Southeastern University

Donald D. Gainey
Coordinator/Program Professor
Ed.D., Nova Southeastern University
M.A., Rhode Island College

Barbara O Garcia Lavin
Resident Psychology/Program Professor
Ph.D., Nova Southeastern University
M.S., Nova Southeastern University

Marilyn Gardner
Program Professor
J.D., Suffolk University
Ph.D., Boston College
M.Ed., Boston State College
M.Ed., Farmington State College

Nancy Gauvin
Program Instructor/Clinical Sup
MSLP, Nova Southeastern University

Linda H. Goldsmith
Program Professor
Ed.D., Western Michigan University
M.S., Fordham University

Francisco Gonzalez Jinesta
Director of Clinical Finance/Program Professor
M.D., Josef Silny Association Incorp
M.B.A., National University
M.M.S., Tulane University

Janice M. Gordillo
Program Professor/License and Compliance
Ph.D., University of Miami
M.Ed., University of Miami

David L. Graf
Program Professor
Ed.D., University Nebraska - Lincoln
M.S., Wisconsin State University

Rochelle D. Green
Dean/Program Professor
Ed.D., Nova Southeastern University
M.S., Nova Southeastern University

David K. Griffin
Assistant Professor
Ed.D., Florida International University
M.S., SUNY Coll Brockport

Marilyn K. Grish
Director/Program Professor
Ed.D., Nova Southeastern University
M.A., Eastern Michigan University

Felicia Guerra Senette
Program Professor
Ph.D., University of New Mexico

Stanley A. Hannah
Program Professor
Ph.D., Indiana University South Bend
M.B.A., Indiana University South Bend
M.L.S., Indiana University South Bend

Audrey H. Henry
Program Professor
Ed.D., University of Florida
M.Ed., University of Florida

Robert W. Hill
Doctoral Enrollment Counselor/Program Professor
Ed.D., Nova Southeastern University
M.Ed., University of South Florida

Marliese G. Hogan
Director/Program Professor
Ed.D., Nova Southeastern University
M.S., Nova Southeastern University

Ralph Hogges
Director/Program Professor
Ed.D., Nova Southeastern University

Linda M. Howard
Program Professor
Ed.D., Arizona State University
M.A., Webster University

Brian D. Humphrey
Speech Pathology/Program Instructor
M.A., University Minnesota Minneapolis

George L. Iber
Program Professor
Ph.D., University of Iowa
M.A., University of Iowa
B.A., University of Wisconsin Madison

Bobby L. Jones
Program Professor-1Yr Visiting
Ed.D., Vanderbilt University
M.Ed., Tennessee State University
B.S., Tennessee State University

Elda C Kanzki-Veloso
Associate Dean Human Service/Program Professor
Ph.D., Barry University
M.S., Florida International University

Jason Karp
Program Professor
M.S., Nova Southeastern University

Denise K. Kelly
Dean Student Services/Program Professor
Ed.D., Nova Southeastern University
M.Ed., University Alabama Birmingham
B.S., Vanderbilt University

Tom D. Kennedy
Program Professor/EDL
Ph.D., University of Miami
M.A., Southern Methodist University

Mary T. Kolesinski
Program Professor
Ed.D., University Georgia Athens
M.Ed., Boston State College

Joan P. Kowal
Coordinator/Program Professor
Ed.D., Indiana University Bloomington
M.S., Indiana University Bloomington

Danielle M. Kwasnik
Program Professor
Ed.D., Nova Southeastern University
M.P.A., Nova Southeastern University
B.A., Gardner-Webb University

Candi H. Lacey
Program Professor/Leadership
Ph.D., Barry University
M.B.A., Nova Southeastern University
B.A., Florida Atlantic University

Sidi M. Lakhdar
Program Professor
Ed.D., Boston University
M.A., Winston-Salem State University

Carmen L. Lamboy
Program Professor/Applied Research
Ed.D., Nova Southeastern University
M.A., University Del Turabo
B.A., University of Puerto Rico

Patrice R. LeBlanc
Program Professor
Ed.D., Boston University
M.A., Ana Maria College

Jean K. Lewis
Director of Specialized Recruitment/Program Professor
Ed.D., Nova Southeastern University

Mary Ann Lowe
Program Instructor
Ed.S., University New Mexico
SLP.D., Nova Southeastern University
M.Ed., Florida Atlantic University
B.S., West Virginia University Morgantown

John B. Lustig
Doctoral Enrollment Counselor/Program Professor
Ed.D., Nova Southeastern University
M.F.A., Southern Illinois University Carbondale

Angela M. Macrina
Senior Director/EE Support/Program Professor
Ed.D., Nova Southeastern University
M.S., Florida International University
B.A., University of Miami

Maryellen E. Maher
Executive Dean/Program Professor
Ph.D., University of Florida
M.Ed., University of Florida

Jamie D. Manburg
Dean Ungergrad/FSEHS Edu
Ed.D., Nova Southeastern University
M.S., Nova Southeastern University
B.S., Nova Southeastern University

Gilda M. Marin
Doctoral Admission Counselor/Program Professor
J.D., Suffolk University
Psy.D., Nova Southeastern University
M.S., Nova Southeastern University
M.Ed., University of Miami

Tatjana L. Martinez
Program Professor/Educational Leadership
J.D., Widener University School of Law
M.Ed., University of Miami
B.A., University of Miami

James L. McCan
Associate Professor
Ph.D., Purdue University West Lafayette
M.S., Purdue University West Lafayette

Michele D. McGuire
Executive Director/Program Professor
Ph.D., University of Kansas
M.A., University Alabama Birmingham

Gabriela A. Mendez
Program Professor/Org Leadership
Ph.D., Pennsylvania State University
M.Ed., Pennsylvania State University

Judith L. Mesler
Program Professor/Special Ed Disability
Ph.D., University of Miami
M.S., Nova Southeastern University

Leslie J. Miller
Program Professor
M.S., Nova Southeastern University
B.S., Nova Southeastern University

Dana S. Mills
Executive Dean/Program Professor
Ph.D., University of Rhode Island
M.S., University of Rhode Island

Al P. Mizell
Program Professor
Ed.D., Indiana University

Rashid A. Moore
Program Professor TESOL
Ph.D., Indiana University Bloomington
M.A., Southern Illonois University

Terri K. Mortensen
Clinical Program Professor
Psy.D., Georgia School of Professional Psychology at Argosy University/Atlanta
M.A., Georgia School of Professional Psychology at Argosy University/Atlanta

Debbra J. Nellis
Program Professor/Director
Ed.D., Nova Southeastern University
M.S., California State University Sacramento

Vanaja Nethi
Program Professor
Ph.D., Cornell University

Wren S. Newman
Associate DeanSLP/Program Professor
SLP.D., CCC-SLP, Nova Southeastern University
M.S., University Oklahoma Noman

Nadine C. Nielsen
Assitant Director/Student Tcrt and Enrol I
M.Ed., University Nevada Las Vegas
B.S., University Nevada Las Vegas

Jennifer Q. Nottingham
Dean of Student Services
Ed.D., Nova Southeastern University

Augie A. Orci
Regional Support Associate/Program Professor
Ed.D., University Nevada Las Vegas
M.Ed., University Arizona

Anymir M. Orellana
Program Professor/ITDE
Ed.D., Nova Southeastern University
M.S., University of Florida

James M. Pann
Program Professor/Human Services
Ph.D., University of Miami
M.Ed., University of Miami

Robin S. Parker
Program Professor
SLP.D., Nova Southeastern University
M.S., Florida State University
B.S., Florida State University

Robert R. Parlett
Program Professor
Ed.D., Nova Southeastern University
M.A., University of South Florida

Juana A. Parra
Associate Dean International Affairs
M.A.T., Monterey Institute of International Studies
B.S., Universidad Argentina JFK

Lina M. Parra
Counselor/Program Professor
D.P.A., Nova Southeastern University
M.S., Nova Southeastern University
B.S., Barry University
A.A., Miami Dade College

Gina L. Peyton
Program Professor/Remedial Wr
Ed.D., Nova Southeastern University
M.A., Nova Southeastern University
B.S., Nova Southeastern University

Robert I. Rahamin
Program Professor/Special Ed
Ed.D., George Washington University
M.Ed., Wright State University Dayton

Jennifer Gunter Reeves
Director Institute Research/Professor
Ph.D., Florida State University
M.S., Florida State University
B.A., Rhodes College

Ann M. Reynolds
Program Instructor
M.S., Nova Southeastern University
B.S., Nova Southeastern University

Frederick A. Ricci
Program Professor
Ph.D., Boston University
M.Ed., Boston State University

Mary Elizabeth Roberts
Program Professor
Ph.D., University of Southern Mississippi
M.S., University Central Arkansas

Wilma Robles-Melendez
Program Professor
Ph.D., Universidad Complutense de Madrid, Spain

Kenneth J. Rockensies
Doctoral Admissions Counselor/Program Professor
Ed.D., University of Virginia
M.S., University Kentucky Lexington

Alberto Rodriguez
Associate Comptroller
M.Acc., Florida International University
M.S., Florida International University
B.S., Florida International University

Brian F. Roselione
Director
M.S., Nova Southeastern University
B.S., University of Central Florida
A.A., Broward Community College

David B. Ross
Program Professor/Parent Acad
Ed.D., Florida Atlantic University
M.A., Florida Atlantic University

Tara S. Saltzman
Executive Dean/Program Professor
Ph.D., Lynn University
M.Ed., Lynn University

Sharon A. Santilli
Leadership Sim. Admin/Program Professor
Ed.D., University of Massachusetts Amherst
M.Ed., University of Massachusetts Amherst

Timothy R. Scala
Program Professor/Clinical
Psy.D., Nova Southeastern University
M.S., Nova Southeastern University
B.S., Florida State University

Charles A. Schlosser
Program Professor
Ph.D., Iowa State University
M.S., Iowa State University

Terri S. Schmidt
Program Professor/ Science
Ed.D., Nova Southeastern University
M.S., Nova Southeastern University
B.S., Christopher Newport University

Felecia G. Sentte
Program Professor
Ph.D., University New Mexico Albuquerque
M.A., New York University Spain

Marvin A. Seperson
Program Professor
Ed.D., Columbia University
M.S., University of Kansas

Timonthy D. Shields
Dean of E-Teach/Program Professor
Ed.D., Nova Southeastern University
M.A., University of Central Florida
M.S., Nova Southeastern University
B.S., University of Central Florida

Jose Silvio
Program Professor/Internat. Prog
Ph.D., University of Paris
B.A., Josef Silny Associated Incorporated

Michael R. Simonson
Program Professor
Ph.D., University of Iowa
M.S., Iowa State University

Linda A. Simunek
Program Professor
J.D., University of Miami
Ph.D., Loyola University Chicago
M.S., De Paul University

Wells H. Singleton
Provost/Program Professor
Ph.D., Stanford University
M.A., Southern Methodist University

Stephen I. Siplet
Ed. Lead Intern Admin/Program Professor
Ed.D., Nova Southeastern University
M.Ed., Temple University

Marcia R. Skopp
Doctoral Admissions Counselor/Program Professor
Ed.D., Nova Southeastern University
M.S., American International College

Delores Smiley
Dean/Comm. Edu and Div Affairs
Ed.D., Nova Southeastern University
M.Ed., University of Arkansas

Sonia L. Smith
Executive Director Fac. Training
M.B.A., Nova Southeastern University
M.A., Nova Southeastern University
B.S., Nova Southeastern University
A.A., Miami Dade College

David S. Spangler
Admin and Artistic Prog. Director
Ph.D., Union Institute and University
M.M., Union Institute and University
B.F.A., Carnegie Mellon University

Francine L. Spigel
Supervisor/Program Instructor
M.S., Montclair State University
B.A., Montclair State University

Donna R. Starr
Program Professor
Ed.D., University of Arkansas Fayetteville

Dennis W. Stetter
Program Professor
Ph.D., Nova Southeastern University
M.S., McGill University

Zandra Stino
Program Professor
Ph.D., Florida State University
M.S., Florida state University

Hui Fang Huang Su
Program Professor
Ed.D., Nova Southeastern University
M.Ed., Texas A&M University

Edna Suarez-Colomba
Director of Field Services/Program Professor
Ed.D., Nova Southeastern University
M.S., University of Puerto Rico

Nancy G. Terrel
Director Field Ops/Program Professor
Ed.S., Florida Atlantic University
Ed.D., Florida Atlantic University
M.A., Samford University

Kathy A.Thomas
Director/Program Professor
Ed.D., Nova Southeastern University
M.A., Tufts University
M.S., Northeastern University

Steve D. Thompson
Dir of Info Comm/Program Professor
Ph.D., Barry University
M.A., University of Miami

Thomas J. Thompson
Program Professor
Ph.D., University of Rhode Island

Sandra Trotman
Program Professor
Ph.D., University of Waikato

Maryann Vaca
Doctoral Admin Counselor/Program Professor
Ed.D., Nova Southeastern University
M.A., New York University
M.Ed., Duquesne University

Elaine Van Lue
Program Professor
Ed.D., Nova Southeastern University
M.S., University of Central Florida

Shelley J. Victor
Program Professor
Ed.D., Nova Southeastern University
M.A., University of Miami

Rachel M. Williams
Program Professor
Ph.D., Howard University
M.A., University of Central Florida
B.A., University of Florida

Jan M. Yates
Program Professor
Ph.D., Nova Southeastern University
M.S., Florida State University

Carole Zangari
Program Professor
Ph.D., Purdue University West Lafayette
M.S., Trenton State College

Barbara Zucker
Clinic Director
M.A., Kent State University

Professional Staff

Rhonda Bobb
Enrollment Project Coordinator
M.S., Nova Southeastern University

Ahysa Boutron
Coordinator of Clinical Experiences
B.A., State University Of New York, Binghamton

Heather Hansen
Academic Advisor
M.S., Wilmington University

Rochelle Klein
Academic Advisor
M.S., Nova Southeastern University

Maxine Mason
Coordinator of Operations
M.B.A., Nova Southeastern University

Karen Rockey
Coordinator America Reads/America Counts

Administrative Staff

Andrea Austin
Administrative Assistant
B.S., Bowling Green State University

Michael Harris
Administrative Assistant
B.S., Florida State University

Barbara Lundberg
Administrative Assistant
B.A., Nova Southeastern University

Tanya Thompson
Administrative Assistant
B.S., University of Technology, Jamaica

Patti Michaelson
Assistant to Dean
B.S., Nova Southeastern University

H. Wayne Huizenga School of Business and Entrepreneurship

Executive Administration

Randolph A. Pohlman
Dean
Ph.D., Oklahoma State University
M.S., Kansas State University

J. Preston Jones
Executive Dean
D.B.A., Nova Southeastern University
M.B.A., Nova Southeastern University

Russell Abratt
Associate Dean of Internal Affairs
Ph.D., University of Pretoria
M.B.A., University of Pretoria

Steven Harvey
Assistant Dean
Office of Program Management
M.B.A., Nova Southeastern University

Joseph Pineda
Assistant Dean of External Affairs
M.S., Florida State University

Cheryl R. Babcock,
Director, International Institute for Franchise Education
M.B.A., University of Nebraska-Lincoln

Vincent Daniels
Exec. Director of Executive Education and
Education Outreach
M.B.A., Thunderbird

Dennis Dannacher
Director of Recruitment and Admissions
M.S., Nova Southeastern University

Raejean Fluty
Director, Computing Technology Services
M.S., Nova Southeastern University

Walter Moore
Director/Faculty Chair Person,
Accounting and Taxation Programs
Ph.D., University of Nebraska
M.S., Colorado State University

Susan Ohrablo
Director of Academic Advising Center
M.S., SUNY College at Oneonta

Grisell Sotolongo
Director of the Hudson Institute
M.P.A., Florida International University

Tamara Terry
Director, Finance and Administration
D.B.A., Nova Southeastern University
M.B.A., Marymount University

Kristie Tetrault
Director, Doctoral Program Administration
M.B.A., Nova Southeastern University

Stephanie Y. Zedlar
Director, Institutional Relations, Planning and Accreditation
Ed.D., Nova Southeastern University
M.B.A., Nova Southeastern University

Faculty

Rebecca Abraham
Professor
D.B.A., U.S. International University
M.B.A., U.S. International University

H. Young Baek
Associate Professor
Ph.D., University of South Carolina
M.I.B.S., University of South Carolina

F. Barry Barnes
Professor
Ph.D., University of Kansas
M.B.A., University of Missouri-Kansas City

James Barry
Assistant Professor
D.B.A., Nova Southeastern University
M.B.A., DePaul University

Michael Bendixen
Professor
Ph.D., University of Witwatersrand
M.B.A., University of South Africa

Charles W. Blackwell
Professor
D.P.A., Nova Southeastern University
M.B.A., Samford University

Nicholas Castaldo
Lecturer
M.B.A., Harvard University

Frank J. Cavico
Professor
J.D., St. Mary's University
L.L.M., University of San Diego

Ramdas Chandra
Associate Professor
Ph.D., New York University
M.B.A., University of Delhi

Ruth Clarke
Associate Professor
Ph.D., University of Massachusetts, Amherst
M.S., University of Massachusetts, Amherst

Charles D. Collver
Assistant Professor
Ph.D., Syracuse University
M.B.A., Russell Sage Graduate School

Barbara R. Dastoor
Associate Professor
Ph.D., University of Texas at Dallas
M.A., University of Mississippi

Peter T. DiPaolo
Professor
D.B.A., Nova Southeastern University
M.B.A., Nova Southeastern University

John Wayne Falbey
Assistant Professor
D.B.A., Nova Southeastern University
M.B.A., Nova Southeastern University

Peter Finley
Assistant Professor
Ph.D., University of Northern Colorado
M.A., Western Michigan University

Jeffrey Fountain
Assistant Professor
Ph.D., University of Northern Colorado
M.S., Indiana University

Jane W. Gibson
Professor
D.B.A., Nova Southeastern University
M.S., Nova Southeastern University

Claire Gong
Assistant Professor
Ph.D., University of Pittsburgh
M.B.A., Tsinghua University

Regina Greenwood
Professor
D.B.A., Nova Southeastern University
M.B.A., University of Wisconsin-Lacrosse

Thomas E. Griffin
Professor
D.B.A., Nova Southeastern University
M.B.A., Clemson University

Charles W. Harrington
Lecturer
M.A., Northeastern University

William J. Harrington
Professor
Ed.D., Nova Southeastern University
M.A., Boston College

Judith A. Harris
Associate Professor
D.B.A., Boston University
M.B.A., Boston University

Michael Hoffman
Professor
D.B.A., Indiana University
M.B.A., Indiana University

Micki E. Johnson
Lecturer
M.S., Florida Institute of Technology
M.B.A., New Hampshire College

Joung W. Kim
Associate Professor
Ph.D., University of South Carolina
M.A.S., University of Illinois
M.B.A., Korea University

Barbara Landau
Assistant Professor
LL.M., New York University
J.D., New York Law School

Terrell G. Manyak
Professor
Ph.D., University of California
M.P.A., Syracuse University

Timothy O. McCartney
Professor
Endowed Professor of Leadership and Organizational Behavior
Ph.D., University of Strasbourg
M.S., St. Cloud State College

Karen McKenzie
Professor
Ph.D., Louisiana State University
M.Acc., University of Central Florida

Bahaudin Mujtaba
Associate Professor
D.B.A., Nova Southeastern University
M.B.A., Nova Southeastern University

Ronald E. Needleman
Professor
Ph.D., City University of New York

Ordean G. Olson
Associate Professor
D.B.A., U. S. International University
M.B.A., U. S. International University

Pedro F. Pellet
Professor
Ph.D., University of Miami
M.A., University of Puerto Rico

Jack Pinkowski
Assistant Professor
Ph.D., Florida Atlantic University
M.P.A., Georgia Southern University

Robert C. Preziosi
Professor
D.P.A., Nova Southeastern University
M.Ed., Florida Atlantic University

Randall W. Renfro
Assistant Professor
Ph.D., Florida Atlantic University
M.A.S., University of Illinois

Cynthia Ruppel
Associate Professor
Ph.D., Kent State University
M.B.A., Cleveland State University

Robert J. Sellani
Associate Professor
D.B.A., Nova Southeastern University
M.B.A., University of Miami

John T. Sennetti
Professor
Ph.D., Virginia Polytechnic Institute
M.S., University of Florida

Belay Seyoum
Associate Professor
Ph.D., McGill University
LL.M., McGill University

Randi L. Sims
Professor
Ph.D., Florida Atlantic University
M.B.A., Nova Southeastern University

Leslie Tworoger
Assistant Professor
D.B.A., Nova Southeastern University
M.B.A., Nova Southeastern University

Thomas Tworoger
Assistant Professor
D.B.A., Nova Southeastern University
M.B.A., Nova Southeastern University

Art J. Weinstein
Professor
Ph.D., Florida International University
M.B.A., Florida International University

Albert Williams
Assistant Professor
Ph.D., University of Georgia
M.A.E., University of Georgia

Pan G. Yatrakis
Professor
Ph.D., New York University
M.B.A., Columbia University