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# 1999-2000 Nova Southeastern University Center for Undergraduate Studies Catalog

Nova Southeastern University

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# Center for Undergraduate Studies



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# 1999-2000

Catalog 1999-2000



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**Farquhar Center for Undergraduate Studies**

**College of Professional and Liberal Studies  
College of Career Development**

**1999-2000 Catalog  
Published July 1999**

Policies and programs in this catalog are effective through June 2000. Regulations and requirements, including fees, are necessarily subject to change without notice at any time at the discretion of the Nova Southeastern University administration.

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 bachelor's, master's, educational specialist, and doctoral degrees.

Nova Southeastern University is a member of the American Association of Colleges for Teacher Education.

This catalog is printed on recycled paper.



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**PRESIDENT'S  
MESSAGE**

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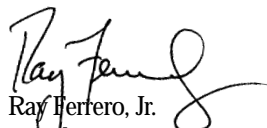
Nova Southeastern University is Florida's largest independent university based on enrollment, and one of the top 20 independent institutions in the United States. As president of NSU, I invite you to become an ambassador of this remarkable educational showcase that is 34 years young.

In 1967, NSU served an entire student body of 17 from one building. Today, we have more than 16,000 students enrolled in 15 academic centers, with programs offered in 22 states and six foreign countries. The university boasts more than 58,000 alumni in 50 foreign countries. More than 7,000 students attend classes on our 232-acre central campus.

The university's sustained growth is due in large part to its exploration of alternative strategies in educating professionals and its commitment to excellence in academics, clinical training, community service, and well-rounded opportunities for all students. The Farquhar Center for Undergraduate Studies offers a unique learning environment in a university setting. The essence of NSU is collaboration at all levels and with diverse partners.

As you continue your studies at Nova Southeastern University, you will assume leadership roles in your community and find innovative avenues to advance them.

We look forward to a lifelong partnership with you, our student. The entire NSU community is dedicated to providing service and academic excellence to you as you continue on the road to graduation and your leadership role in the new millennium.

  
Ray Ferrero, Jr.  
President

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**DEAN'S  
MESSAGE**

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Welcome to the Farquhar Center for Undergraduate Studies at Nova Southeastern University. It is our mission to serve our students with high-quality educational programs that are neither time- nor place-bound. To address this mission, we offer numerous learning opportunities for our students.

About one-fourth of the 4,000 undergraduates we serve attend a traditional day program on campus in Fort Lauderdale. Dual admission programs with the graduate schools of law, education, business, behavioral sciences, and medicine have proved particularly attractive to these learners. The majority of our students, however, are connected to us via a cluster format at sites throughout Florida, in other states, and in locations in the Caribbean. Recently, the introduction of an online business and professional management program provided yet another learning opportunity for many of our adult learners.

Whatever your goal—a professional career, job enhancement, or lifelong learning—you will discover the Farquhar Center provides a variety of options and an exceptional educational experience. It is an exciting place to be. I hope you will find that to be true as well, as you pursue your academic goals. I join all of our colleagues in the center and at the university in wishing you the best in your professional and personal future.

*Norma M. Gooner*  
Norma M. Gooner  
Dean

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**ACADEMIC  
 CALENDAR  
 FALL 1999**  
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	College of Professional and Liberal Studies	College of Career Development	Computer and Information Science
New Freshmen Orientation	7/7-8 or 7/19-20 or 7/22-23		
New Transfer Student Orientation	5/20 or 7/21 or 8/3		
Registration	7/26-8/14	7/26-8/14	7/26-8/14
Late Registration	After 8/14	After 8/14	After 8/14
Career Development Orientation	8/10		
Late Orientation (transfer and new freshmen)	8/20-21		
Welcome Weekend	8/21-22		
<b>Classes Begin</b>	<b>8/23</b>	<b>8/23</b>	<b>8/23</b>
Drop/Add Period (prior to second week)	8/23-8/28	8/23-8/28	8/23-8/28
<b>LABOR DAY—No Classes</b>	<b>9/6</b>	<b>9/6</b>	<b>9/6</b>
<b>ROSH HASHANAH—No Classes</b>		<b>9/10</b>	<b>9/10</b>
<b>YOM KIPPUR—No Classes</b> (night classes will meet)	<b>9/20</b>	<b>9/20</b>	<b>9/20</b>
Registration (second eight weeks)	9/20-10/9	9/20-10/9	
End of Withdrawal Period (prior to seventh week)	10/1	10/4	
Late Registration (second eight weeks)	After 10/9	After 10/9	
Winter Registration for Continuing Students	11/29-12/18		
Athletes	10/11-10/15		
Seniors/Juniors	10/18-10/22		
Sophomores	10/25-10/29		
Freshman	11/1-11/19		
<b>Classes End (first eight weeks)</b>	<b>10/15</b>	<b>10/18</b>	
No Classes		10/19	
<b>Classes Begin (second eight weeks)</b>	<b>10/18</b>	<b>10/20</b>	
Drop/Add Period (prior to 2nd week)	10/18-10/23	10/20-10/26	
Late Winter Registration	After 11/19		
No Classes	11/24	11/24	11/24
<b>THANKSGIVING VACATION</b>	<b>11/25-27</b>	<b>11/25-27</b>	<b>11/25-27</b>
End of Withdrawal period (prior to seventh and 15th weeks)	11/23	12/4	12/4
<b>Classes End</b>	<b>12/10</b>	<b>12/18</b>	<b>12/18</b>

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**ACADEMIC  
CALENDAR  
WINTER 2000**  
■ ■ ■ ■ ■ ■ ■ ■ ■ ■

	College of Professional and Liberal Studies	College of Career Development	Computer and Information Science
Registration	11/29-12/24	11/29-12/24	11/29-12/24
Late Registration	After 12/24	After 12/24	After 12/24
<b>Classes Begin</b>	<b>1/5</b>	<b>1/3</b>	<b>1/3</b>
Drop/Add Period (prior to second week)	1/5-1/11	1/3-1/8	1/3-1/8
<b>MARTIN LUTHER KING, JR. DAY—No Classes</b>	<b>1/17</b>	<b>1/17</b>	<b>1/17</b>
End of Withdrawal Period (prior to seventh week)	2/11	2/14	
<b>Classes End (first eight weeks)</b>	<b>2/25</b>	<b>2/28</b>	
<b>SPRING BREAK</b>	<b>2/26-3/5</b>	<b>2/29-3/2</b>	<b>2/29-3/2</b>
Registration (second eight weeks)	2/7-2/25	2/7-2/25	
Late Registration (second eight weeks)	After 2/25	After 2/25	
<b>Classes Begin</b> (second eight weeks)	<b>3/6</b>	<b>3/3</b>	
Drop/Add Period (prior to second week)	3/6-3/10	3/3-3/9	
Fall Registration for continuing students	3/6-4/14		
Athletes	3/6-3/10		
Seniors/Juniors	3/12-3/17		
Sophomores	3/20-3/24		
Freshmen	3/27-4/14		
Late Fall Registration	After 4/14		
<b>GOOD FRIDAY—No Classes</b>	<b>4/21</b>	<b>4/21</b>	<b>4/21</b>
<b>SATURDAY BEFORE EASTER -No Classes</b>	<b>4/22</b>	<b>4/22</b>	<b>4/22</b>
End of Withdrawal Period (prior to seventh and 15th weeks)	4/12	4/13	4/13
<b>Classes End</b>	<b>4/26</b>	<b>4/29</b>	<b>4/29</b>

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**ACADEMIC  
 CALENDAR  
 SPRING/SUMMER  
 2000**  
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	College of Professional and Liberal Studies	College of Career Development	Computer and Information Science
Registration	3/27-4/28	3/27-4/28	3/27-4/28
Late Registration	After 4/28	After 4/28	After 4/28
<b>Classes Begin</b>	<b>5/1</b>	<b>5/1</b>	<b>5/1</b>
Drop/Add Period (prior to second week)	5/1-5/5	5/1-5/6	5/1-5/6
<b>MEMORIAL DAY—No Classes</b>	<b>5/29</b>	<b>5/29</b>	<b>5/29</b>
End of Withdrawal Period (prior to seventh week)	6/7	6/10	
<b>Classes End (first eight weeks)</b>	<b>6/21</b>	<b>6/24</b>	
Registration (second eight weeks)		6/5-6/24	
Late Registration		After 6/24	
<b>Classes Begin (second eight weeks)</b>		<b>6/26</b>	
Drop/Add Period (prior to second week)		6/26-/7/1	
<b>INDEPENDENCE DAY—No Classes</b>	<b>7/4</b>	<b>7/4</b>	<b>7/4</b>
End of Withdrawal Period (prior to seventh and 15th weeks)		8/5	8/5
<b>Classes End</b>		<b>8/19</b>	<b>8/19</b>



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**CORRESPONDENCE  
DIRECTORY**  
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**FARQUHAR CENTER FOR UNDERGRADUATE STUDIES**

*<http://pegasus.ncs.nova.edu/polaris>*

**Office of the Dean**

Nova Southeastern University  
Mailman-Hollywood Room 227  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8092

**Department of Behavioral Sciences**

Nova Southeastern University  
Mailman-Hollywood Third Floor  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8421

**Department of Business and Administrative Studies**

Nova Southeastern University  
Parker Room 226  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8100

**Department of Education**

Nova Southeastern University  
Mailman-Hollywood Room 350  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-7900

**Department of Liberal Arts**

Nova Southeastern University  
Parker Room 380  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8200

**Department of Math, Science, and Technology**

Nova Southeastern University  
Parker Room 300  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8300

**School of Computer and Information Sciences**

Nova Southeastern University  
Undergraduate Programs  
Farquhar Center Annex  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-2068

**Academic Support Center**

Nova Southeastern University  
Parker Room 227  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8350

**Office of Admissions**

Nova Southeastern University  
Mailman-Hollywood Room 200  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8000

**Athletics**

Nova Southeastern University  
Athletics Annex  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8250

**Office of Financial Aid**

Nova Southeastern University  
Horvitz Administration Building  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-3380

**Office of Residential Life**

Nova Southeastern University  
Leo Goodwin Sr. Residence Hall  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-7052

**Testing/Assessment Center**

Nova Southeastern University  
Farquhar Center Annex  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8374

**Institute for Learning in Retirement**

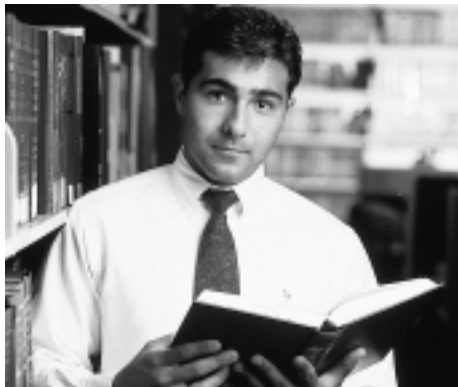
Nova Southeastern University  
University Park Plaza  
3424 South University Drive • Davie, FL 33328  
(954) 262-8471

**Women's Resource Institute**

Nova Southeastern University  
Parker Room 344  
3301 College Avenue • Fort Lauderdale, FL 33314-7796  
(954) 262-8451



“ What’s unique about education at NSU? The way it fosters personal growth and an appreciation of diversity. ”



#### MISSION STATEMENT

Nova Southeastern University is a dynamic, not-for-profit independent institution dedicated to providing high-quality educational programs of distinction from preschool through the professional and doctoral levels, as well as service to the community. Nova Southeastern University prepares students for lifelong learning and leadership roles in business and the professions. It offers academic programs at times convenient to students, employing innovative delivery systems and rich learning resources on campus and at distant sites. The university fosters inquiry, research, and creative professional activity by uniting faculty and students in acquiring and applying knowledge in clinical, community, and professional settings.

## NOVA SOUTHEASTERN UNIVERSITY

#### OVERVIEW

Nova Southeastern University provides a high-quality education leading to the bachelor of science or bachelor of arts degree. Undergraduate studies at NSU are designed to produce students who think clearly, communicate effectively, understand new technology and ideas, and analyze and solve problems. Knowledge and skills are acquired in the areas of behavioral and social sciences, communications, humanities and arts, economics, science, mathematics, and technology. Moreover, students will specialize in a preferred area of concentration, preparing them to enter or advance in careers or continue with graduate studies. The members of the faculty and administration are sensitive and responsive to the needs of the individual. They are available to students throughout the day. Faculty members are chosen because of their commitment to teaching and learning. They challenge students to excel in their studies and maintain openness to new information. Students receive thoughtful academic and personal guidance by professional advisors. Classes are small and interactive. At NSU, students have the advantage of studying at a major university with nationally recognized graduate programs and research. Eligible undergraduates who complete their bachelor’s degree will have the opportunity to move directly into NSU’s graduate degree programs, which include an array of master’s, educational specialist, and doctoral programs. Graduates will enter their chosen career or graduate program highly qualified; they will have acquired the skills, knowledge, and understanding necessary to excel in a rapidly changing international, multicultural, and technological society.

Nova Southeastern University  
is the largest independent university  
in Florida.



■ ■ ■ ■ ■ ■ ■ ■ ■ ■  
**ACCREDITATION  
AND  
MEMBERSHIP**  
■ ■ ■ ■ ■ ■ ■ ■ ■ ■

**NOTICE OF NONDISCRIMINATION**

Nova Southeastern University admits students of any race, color, sex, age, nondisqualifying disability, religion or creed, or national or ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school, and does not discriminate in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.

**ACCREDITATION STATEMENT**

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 bachelor's, master's, educational specialist, and doctoral degrees.

**MEMBERSHIP**

Nova Southeastern University is a member of the Florida Association of Colleges and Universities, the Independent Colleges and Universities of Florida, the American Council on Education, the College Entrance Examination Board, the Council for Adult and Experiential Learning, the Southeast Florida Educational Consortium, the American Association of Colleges for Teacher Education, and the Association of American Colleges. Programs in undergraduate education are approved by the Florida Department of Education.

“ NSU’s professors are absolutely devoted to learning, which is why NSU has built a reputation for academic quality. ”



#### MISSION STATEMENT

The Farquhar Center for Undergraduate Studies acknowledges and supports the diversity of its student population. We recognize that the social and economic challenges facing our community call for thoughtful and compassionate responses. Therefore, we commit the resources of this institution to the development of a four-year course of study that encourages students to establish socially and ecologically sound value systems and relationships. We believe that a responsible educational institution appreciates that learning is neither time bound nor attached to specific locations. Through the innovative use of technology and creative classroom formats, we will provide students with flexible and alternative contexts for learning. Holding to the belief that the foundation of the undergraduate experience lies in the face-to-face contact between students and teachers, we commit ourselves to support the small class setting as the primary venue for the exploration and examination of important issues of our time. We believe that a thorough, intelligent, and open exchange of ideas among members of our community, coupled with responsible interpersonal communication, is the best preparation for graduate and professional schools, and for considerate and reasonable behavior in the private and public spheres.

#### COLLEGE OF PROFESSIONAL AND LIBERAL STUDIES

The College of Professional and Liberal Studies provides recent high-school graduates a high-quality education leading to either the bachelor of science or the bachelor of arts degree. Students enroll in a general education program that combines an integrated curriculum of interdisciplinary core studies emphasizing effective writing, communication, and critical analysis, with a required distribution of courses in the areas of literature, the arts, history, mathematics, science and technology, oral communication, and hemispheric and global diversity. The general education program is intended to help students think clearly, communicate effectively, understand new technologies, solve problems effectively, and appreciate the connections that bind us as individuals into a community and that enhance the quality of life. Equally

### FARQUHAR CENTER FOR UNDERGRADUATE STUDIES

important, students study and work in major fields that prepare them to enter careers or to continue with graduate studies. Students have the additional opportunity for instruction and guidance from faculty in graduate centers of NSU in the areas of business, education, behavioral sciences, law, oceanography, science, and computer science. This unique programming is made possible through individualized attention by a professional advising staff committed to academic achievement.

#### COLLEGE OF CAREER DEVELOPMENT

The College of Career Development is designed for working and professional adults. Courses are offered in the evenings and on weekends on campus and at institutional, industrial, and other off-campus locations convenient to students. Although course content meets traditional educational requirements, courses are scheduled to meet the needs of employed students and are taught by university professors as well as knowledgeable professionals in the community. Most of the approximately 3,100 students currently enrolled in the College of Career Development are employed and have families. They bring with them a mature, stable, and determined interest in enhancing themselves through acquiring new knowledge and skills. They have considerable practical experience and a desire to play an active role in their education. As a diverse population of individuals, College of Career Development students establish support networks and help each other succeed, despite conflicting time demands and outside responsibilities. Collectively, their rich backgrounds bring an added source of knowledge and excitement to the educational environment.

#### INSTITUTE FOR LEARNING IN RETIREMENT

In order to serve the special needs of the growing retirement community in South Florida, the Farquhar Center has established the Institute for Learning in Retirement (ILR). The program focuses on how the educated person can creatively occupy newfound, full-time leisure.

Modeled after the highly successful program at the New School for Social Research in New York City, NSU's ILR offers an opportunity for retired professionals to renew their education. Because of their varied interests and life experiences, ILR members act as teachers and students, thus sharing with and learning from one another. In the ILR, retirees from all walks of life explore new interests and directions.

The institute meets from mid-October through April, followed by a summer session of four to six weeks. Two different classes meet each day, one from 10:00 a.m. to 11:30 a.m. and the other from 12:30 p.m. to 2:00 p.m.

#### **Discussion Groups and Seminars**

During the week, there are discussion groups, seminars, and classes on a wide variety of subjects, ranging from fine arts and music appreciation to politics, current events, self-awareness, and law. The areas of study are chosen by the ILR membership; group leaders and discussion leaders are members.

#### **Lecture Series and Workshops**

Members attend lecture courses and workshops conducted by NSU faculty members and other experts exclusively for the ILR. In addition, members can audit up to two undergraduate courses per year at no charge.

#### **Field Trips, Social Gatherings, and Special Events**

Day field trips and weekend and weeklong excursions are planned by a committee. Some recent visits have included St. Augustine, Asolo State Theatre in Sarasota, the Edison Home in Fort Myers, and the Spoleto Festival in Charleston, South Carolina. Luncheons and parties are planned and hosted by members.

#### **Summer Program**

Each year, a summer-study program is designed to meet membership needs. In addition, a travel/study abroad experience is also part of the program. Recent summer trips have included Israel and Egypt, as well as China and Russia.

For printed information on the ILR, contact: (954) 262-8471 or 262-8472 or 800-338-4723, ext. 8471 or 8472.

The administrative offices of the Farquhar Center are located in the Mailman-Hollywood Building, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796. The telephone number for the main campus is (954) 262-8000 or 800-338-4723.

Social life at NSU's beautiful campus enables students from various cultures to interact with one another.



## STUDENT LIFE

The Rosenthal Student Center (RSC) is the student union on campus. This building houses the Student Life Department, Aramark Dining Services, Nova Books, the Nova Southeastern University Student Government Association, WNSU radio station, the Flight Deck, several meeting and conference rooms, and a movie theater. The RSC also has televisions, pool tables, a Ping-Pong table, a dartboard, and board games for student use.

NSU students have an excellent opportunity to become involved in extracurricular programs. Student Life encourages all students to get involved in the university community. Involvement is one of the best ways to meet other students, the faculty and staff, and gain valuable leadership skills. Nova Southeastern University has more than 23 registered student organizations on campus, including academic societies, Greeks, religious groups, service clubs, and special interest groups. Our current organizations are:

### Clubs

- Alpha Phi Omega (service fraternity)
- Alpha Chi Omega (national honor society)
- Best Buddies
- HEAL–Health AIDS Liaison
- Hillel (Jewish organization)
- IMAN (International Muslim Association at Nova)
- ISA (Indian Student Association)
- N.A.T.U.R.E. (Nova's Advancement Towards Understanding and Researching the Environment)
- NSUSGA (Nova Southeastern Undergraduate Student Government Association)
- Phi Alpha Delta (legal fraternity)
- Pre-Med Society
- Psychology Club
- The Knight* Newspaper
- Theater Arts Program
- SALSA (Spanish and Latin Student Association)
- WNSU Radio Station

### Greeks

#### Sororities

- Delta Phi Epsilon
- Phi Sigma Sigma

#### Fraternities

- Beta Theta Pi
- Theta Delta Chi
- Sigma Alpha Epsilon
- Sigma Alpha Mu

Each student organization is assigned a faculty or staff member to serve as an advisor and supporter.

### CAMPUS SPORTS AND RECREATION

The Campus Sports and Recreation Program at NSU offers students, faculty, staff, and alumni opportunities to participate and compete in a variety of sports and leisure pursuits. Based on a philosophy of sportsmanship and involvement, the program seeks to serve the diverse and ever-changing recreational needs of the NSU community.

The Campus Sports and Recreations Program is located in the RecPlex directly across from the Rosenthal Student Center. The RecPlex houses three lit basketball courts, two lit tennis courts, a 2,600-square-foot swimming pool, and a fitness center with cardiovascular machines, free weights, and locker rooms with shower facilities. Additionally, a variety of sports equipment is available to be checked out at the front office.

Campus Sports and Recreation is divided into the following areas:

#### Intramural Sports

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> Basketball* | <input type="checkbox"/> Softball (competitive and coed) |
| <input type="checkbox"/> Football*   | <input type="checkbox"/> Tennis (singles and doubles)    |
| <input type="checkbox"/> Golf        | <input type="checkbox"/> Volleyball*                     |
| <input type="checkbox"/> Soccer*     |  |

(\*indicates that these sports are divided into competitive and recreational leagues)

### Student Union Sports

- Billiards
- Bowling
- Darts
- Table Tennis

### Club Sports

- Roller Hockey
- Instructional Classes and Clinics
- Outdoor Recreational Trips
- Special Events

### INTERCOLLEGIATE ATHLETICS

The Athletics Program at NSU has NCAA Division II/NAIA status and consists of the following sports:

#### MEN

Baseball  
Basketball  
Golf  
Soccer

#### WOMEN

Basketball  
Cross-country  
Golf  
Soccer  
Softball  
Volleyball

*NOTE: Women's tennis will be reinstated for the 2000-2001 season.*

### HOUSING

At NSU, undergraduate students are housed in a new, state-of-the-art, four-story residence hall. This 296-bed facility offers double accommodations (two students) with a private bathroom. All rooms are furnished with twin beds, desks, dressers, chairs, shelving, and closets. Rooms are cable-TV-ready and are wired for computer hookup. Air conditioning, heating, and local phone service also are included.

The residence hall includes these amenities: a spacious lobby area, a TV lounge, the Office of Residential Life, laundry facilities, the mailroom, a kitchen, two classrooms, a computer lab, and study lounges on every floor. All undergraduate students with 0-48 credits are required to live on campus and purchase a meal plan, unless one or both of the following criteria apply:

1. The student is married.
2. The student resides with his or her immediate family within the tri-county area (Broward, Miami-Dade, and Palm Beach). Verification must be provided.

Apartment-style housing is also available for married students.

For further information about housing and residential life, contact the Office of Residential Life at (954) 262-7052 or 800-541-6682, ext. 7052.

### FOOD SERVICES

The university dining hall is located in the Rosenthal Student Center. Faculty, students, and staff may pay cash for each meal, purchase a meal plan, or purchase a declining balance card. Students residing in Goodwin Hall are required to purchase a meal plan. For additional meal plan information, write or call the Office of Residential Life, 3301 College Avenue, Fort Lauderdale,

Florida 33314-7796, (954) 262-7052. Also, the Jamaican Me Crazy Cafe, adjacent to the Parker Building, serves sandwiches, pizza, snacks, and beverages.

### STUDENT ID CARDS

The Office of the University Registrar issues each student an identification card upon first-time registration. Students must have ID cards to use the computer labs and the library, and to gain admission to residence halls and campus events.

### THE WELLNESS CENTER

The Wellness Center, located in the Farquhar Center Annex, promotes wellness and advocates healthy lifestyle choices for the NSU community. The Wellness Center offers the following services:

- A Health Information Resource Center
- Student health and dental insurance
- A Self-Care Center that provides free condoms, over-the-counter medications, and basic first-aid supplies
- Free and confidential student counseling services
- A free physician-referral network
- Campus-wide health promotion programs
- Free aerobics and yoga classes and a power walk club for all NSU students and employees
- A monthly newsletter

To contact the Wellness Center, call (954) 262-7040.

### STUDENT HEALTH INSURANCE

NSU students can elect to enroll in a low-cost, basic health and accident insurance program. This optional program is strongly recommended for students who are not already covered under another program. Proof of insurance is required for all students living on campus. The insurance program will be discussed during orientation.

### STUDENTS WITH DISABILITIES

NSU provides services to meet the needs of students with disabilities. Students with disability-related needs should contact John Chaffin (954-262-8405 or 800-338-4723, ext. 8405; email: [chaffin@nova.edu](mailto:chaffin@nova.edu)) as early as possible, preferably at least four weeks before the beginning of the first term of enrollment for which disability-related services are sought. Written policies and procedures associated with these academic adjustments also are available.

### MICROLAB COMPUTER FACILITIES

The MicroLab offers and delivers high-quality and appropriate computer technology support to the university community. The MicroLab is comprised of 24 academic computing laboratories and electronic classrooms. All laboratories are networked to the university's online computer systems. Online connectivity provides access to the campus-wide information system, the Electronic Library, and the World Wide Web.

## LIBRARIES

The Albert and Birdie Einstein Library, located in the Parker Building, houses the university's major collection of books and journals in the humanities, the sciences, and business. More than 35 specialized indexes in CD-ROM format are available in-house, and an additional 70 databases, many full-text, are available via the Internet and campus network. The NSU libraries' online catalog (NovaCat) is accessible for remote searching, as well as for searching catalogs from other university libraries.

The Einstein Library is a member of SEFLIN and FLIN, cooperative library networks that provide quick access to library materials throughout Florida. The library also has lending agreements with large research libraries in the Midwest that provide priority document delivery services to students. The Einstein Library is a cooperating library of the Foundation Center in New York, which gives students access to collections for grants and foundation research. For further information, call (954) 262-4601, or visit our Web site at <http://www.nova.edu/library>.

Distance education students have access to books, journal articles, microfiche, dissertations, and reference librarians. Distance students may request library materials using fax, mail, or computer. Librarians travel to class sites to provide information and training to distance learners. Call (954) 262-4602 for further information.

The William Springer Richardson Library, at NSU's Oceanographic Center, houses a specialized collection of books and periodicals in physical, biological, and chemical oceanography.

The Health Professions Division Library contains catalogs of holdings of more than 20,000 books, 1,200 active journals, and more than 1,200 audiocassettes and videotapes. The library is a member of DOCLINE, the National Library of Medicine's online interlibrary loan service that coordinates with medical libraries across the United States. Call (954) 262-3106 for further information.

The University School Media Center maintains an integrated collection of print and nonprint materials designed for students from preschool through high school.

The Law Library of the Shepard Broad Law Center, with a collection of more than 275,000 volume equivalents, contains the standard materials required for legal study and research. It is one of the few collections in the country designated as a depository for United Nations documents. It also serves as a depository for state and federal documents. For more information, call (954) 262-6200.

## ACADEMIC SUPPORT CENTERS

Academic Support Centers assist students with writing assignments and skills in English grammar and structure, reading, studying, computer literacy, and mathematics. Tutoring assistance

in various business and science courses is also offered. For the bilingual student, assistance in English language development is available. Staffed by writing and math specialists, as well as peer tutors, the centers provide a supportive environment for interactive sessions in which specialists and students collaborate on improving students' skills. Computer-assisted instruction and workshops on topics such as goal setting and time management, critical reading, text and lecture note-taking, and test-taking strategies are also available. Centers are located on the main campus: (954) 262-8350; in Jacksonville: (904) 443-2885; in Tampa: (813) 288-9459; and in Miami-Dade: (954) 262-2237.

## BOOKSTORE

Textbooks should be purchased before the first day of classes and are available at Nova Books, located in the Rosenthal Student Center. Along with textbooks, the bookstore carries school supplies and a wide range of software available at student prices (up to 75 percent off list prices). The bookstore is open Monday–Friday, 8:30 a.m.–6:15 p.m., and Saturdays, 10:00 a.m.–1:30 p.m. (Call for information about extended hours at the beginning of the semester.) Students at off-campus locations may order textbooks by phone, fax, or email. The course number and site location must be indicated when books are ordered or requested. Books are shipped via UPS, usually within 24 hours.

Nova Books may be contacted by:

- ☐ Telephone: (954) 262-4750 or 800-509-2665
- ☐ Fax: (954) 262-4759
- ☐ Email: [novabook@nsu.nova.edu](mailto:novabook@nsu.nova.edu)
- ☐ Correspondence: Nova Books, P.O. Box 290670, Fort Lauderdale, FL 33329

## Returns Policy

1. Undergraduate books are returnable during the first two weeks of classes only. Books purchased more than two weeks before classes start are not returnable.
2. Graduate books (including law) are returnable during the first week of class only. Books purchased more than two weeks before classes start are not returnable.
3. Health Professions Division books are returnable one week from the purchase date only.
4. Books purchased after the return deadline for each program are not returnable.
5. Only required textbooks are returnable. Optional or supplementary materials, trade reference books, supplies, and other non-book items are not returnable.
6. All items must be returned in original condition.
7. All returns must be accompanied by a cash register receipt.

## CAREER RESOURCE CENTER

The purpose of the Career Resource Center is to assist students and alumni in all aspects of career decision making and planning and in the job-search process. Our mission is to support Nova Southeastern University undergraduate students, graduate students, and alumni in the implementation of successful career plans.

Through counseling and career-related resources, the center strives to educate students and alumni by teaching them how to:

- develop a career life plan, from choosing a major to conducting a job search
- explore career and/or graduate/professional school opportunities
- secure employment

The Career Resource Center encourages personal responsibility on the part of students and alumni in planning a career and exploring opportunities as they relate to educational and personal development throughout the college years and into the future.

For further information, please contact the Career Resource Center at (954) 262-7201.

### **STUDY ABROAD**

Students in the Farquhar Center for Undergraduate Studies have opportunities to study abroad with NSU faculty members in China, Peru, Ecuador, England, and Belize. For further information contact Kenneth Thigpen, assistant dean for academic affairs, at (954) 262-8073.

### **CAMPUS PUBLIC SAFETY**

The Public Safety Department is an independent unit that provides protection and service for all students 24 hours a day. Students can reach the office at (954) 262-8981, Monday–Friday, 8:00 a.m.–5:00 p.m., and after hours and weekends at (954) 262-8999. Public Safety should be called to report all emergencies, thefts, or suspicious persons or situations. Public Safety also provides assistance in jump-starting vehicle batteries, giving vehicle owners access in case of lockouts and, when appropriate, giving NSU community members entry to locked buildings or offices. The “NOVALERT” emergency number is (954) 262-8999 (8999 on campus phones).

### **UNIVERSITY PARKING PERMIT**

All students who attend NSU must obtain a permit in order to park on campus. The *Parking and Traffic Handbook* will be issued to students at orientation. This manual will specify how to obtain a parking permit as well as explain the university’s parking policy.

Please contact NSU’s Public Safety Department at (954) 262-8981 for further information.

### **CODE OF STUDENT CONDUCT AND ACADEMIC RESPONSIBILITY**

All students should review and become familiar with the “Code of Student Conduct and Academic Responsibility” outlined in the “NSU Overview, Administration, and Policies” section of this catalog.

### **GRIEVANCE PROCEDURES**

When questions about procedures, decisions, or judgments occur, counseling is available for discussion and resolution of differences. Students also may have recourse to more formal avenues of appeal and redress. Students are urged to review the “Grievance Procedure” and “Problem-Resolution Procedures” sections of the *Undergraduate Programs Student Handbook*.

### **HONOR COURT**

The Honor Court is a body of faculty members, students, and administrators responsible for hearing cases through an educational peer-review process. This process determines a student’s accountability for alleged violations of the Code of Student Conduct and Academic Responsibility. Students should review the “Honor Court Procedures” section in the *Undergraduate Programs Student Handbook*.



Nova Southeastern University offers an affordable independent university tuition.



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## TUITION, FEES, AND REGISTRATION

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Students will not be charged additional tuition for adding classes, as long as they do not go above the 18-hour limit. Withdrawals and drops do not count in this total. Students dropping below 12 credits during the first two weeks of the semester will be considered part-time students and will have their tuition recalculated on a per-credit basis. These students will also be considered part-time students for the purposes of financial aid/scholarship awards.

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. Part-time students (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.

### TUITION AND FEE SCHEDULE FOR 1999-2000

Application fee	
Professional and Liberal Studies (nonrefundable)	\$25
Career Development (nonrefundable)	\$25
Registration fee (nonrefundable)	\$25
Late registration fee (nonrefundable)	\$65
Tuition deferment fee	\$50
Prof. and Lib. Studies tuition/semester (12–18 cr.)	\$5,775
Prof. and Lib. Studies tuition/credit (under 12 cr.)	\$385
Career Development tuition (per credit hour)	
on campus	\$345
off campus	(contact program office)
Application for degree-processing fee	\$75
Laboratory fee (per credit)	\$15
Materials fee	(variable where applicable)
Student activities fee (per semester)	\$75
Student services fee (per semester)	\$10
Orientation fee	\$100
Transcript fee	\$5
Credit by examination (3 credits)	\$125
Cap and gown rental fee	(assessed at time of graduation)
Room (per semester)	\$1,832
Meal plans (per semester)	\$973-1363

### FLAT-RATE TUITION: COLLEGE OF PROFESSIONAL AND LIBERAL STUDIES

All students in the College of Professional and Liberal Studies enrolling in 12–18 hours per semester will pay the flat-rate tuition.

### REGISTRATION

Each semester at NSU has a designated registration period listed in the schedule of classes. Students should schedule an appointment with their advisor, once the schedule of classes becomes available, in order to review their choice of classes. All students (professional and liberal studies and career development) must have their student transaction forms signed by their advisor prior to completing the registration process. Students who register after the designated registration period will pay a late fee.

To register in person, students should submit a completed student transaction form to the Office of the University Registrar, Horvitz Administration Building, first floor. The office is open Monday–Thursday, 8:30 a.m.–7:00 p.m.; Friday, 8:30 a.m.–6:00 p.m.; and Saturday, 9:00 a.m.–noon. Tuition and fees must be paid at the time of registration to the Accounts Receivable Office, Horvitz Administration Building, first floor. Accounts Receivable is open Monday–Thursday, 8:30 a.m.–7:00 p.m.; Friday, 8:30 a.m.–6:00 p.m.; and Saturday, 9:00 a.m.–noon. The student transaction form with payment for tuition and fees may also be mailed to the Office of the University Registrar, Nova Southeastern University, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796.

## DROP/ADD PERIOD

The drop/add period is the first week of each semester. A student may drop one course and add another course in its place during the first week of the semester without financial penalty by submitting a Student Transaction Form, available in the Office of the University Registrar. To add a course after the first class meeting, written permission must be obtained from the instructor or academic director.

## PAYMENT POLICY

NSU requires that tuition for all courses be paid in full at the time of registration. Checks should be made payable to Nova Southeastern University. Students may choose to pay tuition and fees by cash, check, MasterCard, Visa, American Express, or Discover. To pay by charge card when mailing a registration, students must clearly print the account number and the expiration date in the designated area of the registration form.

Students receiving financial aid are allowed to present certain types of loans and other aid, as confirmed in NSU's financial aid records, to satisfy their bills at registration, even though the aid or loans have not yet been physically disbursed to them or posted to their accounts.

### Employer Tuition Reimbursement Programs

Students eligible for employer-sponsored tuition reimbursement benefits may defer tuition payment until five weeks after the end of each course; however, at the time of registration, students must submit postdated checks or credit card authorizations (for processing five weeks after the end of the course) and furnish a statement of eligibility from the employer. There is a \$50 fee for this option; this fee and other charges (excluding tuition) must be paid at the time of registration.

### Three-Month Installment Plan

Full-time students may elect to pay their tuition in three installments. Fifty percent of tuition, plus all fees (including a \$50 fee for this option) is due at the time of registration; 25 percent is due 60 days after registration; and the remaining 25 percent is due 90 days after registration. Postdated checks or credit card authorizations for the two later payments must be provided at the time of registration.

Full-time students who are receiving financial aid may also elect the three-month installment plan to pay any remaining tuition balance due the university.

## TUITION PAYMENT OPTIONS

Through our partnership with Key Education Resources, specialists in education planning and financing, we are pleased to offer students the following options for meeting college costs:

The **Key Education Resource Payment Plan** allows students to pay annual expenses in 10 interest-free installments with no finance charges. The only cost is a nonrefundable \$55 application fee.

The **Achiever Loan** offers creditworthy families attractive, low-cost repayment terms, including 15 years to repay, low interest rates, and the choice of three flexible financing options—the Multiple-Year Option, the Annual Option, or the Interest-Only Option. With the Achiever Loan's new quick and easy application, borrowers can apply by mail, fax, or phone at no cost for conditional approval in as few as 24 hours.

For details of the Resource Payment Plan or the Achiever Loan, or for help deciding which option best meets a student's particular needs, contact Key Education Resources at 800-KEY-LEND.

## REFUND POLICY

### Drop Period with a Refund

Students who wish to receive a refund of tuition must complete and process a Student Transaction Form, available from academic advisors. All students, including those who paid with postdated checks (see "Payment Policy" above), must follow this procedure. Refunds will be based on the postmark date or the Office of the Registrar's stamped date of written notification; refunds will not be based on the last date of attendance. Fees other than tuition are not refundable. To withdraw from a course after the drop period, see the "Withdrawal Policy" sections in this catalog.

### College of Professional and Liberal Studies Students

Full-time students enrolled in 12–18 credits are charged a flat rate for tuition and are not eligible for partial refunds. Students completely withdrawing from the university receive refunds based on the following schedule:

- 100 percent refund: written notice of a complete withdrawal from the university before the start of the semester
- 75 percent refund: written notice of a complete withdrawal from the university during the first week of the semester
- 50 percent refund: written notice of a complete withdrawal from the university during the second week of the semester

No refunds will be made after the end of the second week. The \$200 deposit paid and all fees are nonrefundable.

Part-time students enrolled in fewer than 12 credits are charged tuition on a per-credit basis. The refund policy is based on the following schedule:

- 100 percent refund: notice of drop in writing before first class meeting
- 75 percent refund: notice of drop in writing by end of first week, regardless of attendance
- 50 percent refund: notice of drop in writing by end of second week, regardless of attendance

**College of Career Development Students**

- 100 percent refund: notice of drop in writing before first class meeting
- 75 percent refund: notice of drop in writing before second class meeting, regardless of class attendance
- 50 percent refund: notice of drop in writing before third class meeting, regardless of class attendance

**Refund Policy for Students in the Legal Assistant Studies Program**

Students are held financially responsible only for those courses taken. Students who wish to receive a refund of tuition upon dropping a course must complete a Student Transaction Form. The following schedule will apply:

- 100 percent refund: before the first class meeting
- 75 percent refund: before the second class meeting
- 50 percent refund: before the third class meeting

Refunds will be based on the last date of attendance. All monies will be refunded if the applicant cancels the enrollment agreement within three business days after signing. All monies will be refunded if the applicant is rejected as a student.

**Exceptional Circumstances**

Refunds or credits to student accounts may be considered after the drop/add period if proof of exceptional circumstances exists. Requests for refunds must be made during the semester the course or courses were taken.

It is the responsibility of students to fill out a Student Action Form and to provide their academic advisors with the necessary documentation. The advisor will then forward the request to the Office of the Dean for consideration.

Students should contact their academic advisors with questions regarding exceptional circumstances.

To withdraw from a course after the refund period, see the "Withdrawal Policy" sections in this catalog.

“ Because of the diverse, well-balanced education you receive at NSU, it’s much easier to find a job in your field. ”



■ ■ ■ ■ ■ ■ ■ ■ ■ ■  
**FINANCIAL  
 AID**  
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The Office of Student Financial Aid administers the university’s financial aid programs, which include grants, loans, scholarships, and student employment. In addition, professional financial aid advisors can help students plan the most efficient use of their financial resources for education.

To the extent that financial aid funds are available, it is the purpose of the Office of Student Financial Aid to provide qualified students with financial aid in the form of loans, grants, and employment. In order to make the best use of funds, awards normally consist of a “package” of two or more of these types of aid.

Underlying the awarding of financial assistance is the philosophy that students have a responsibility for contributing, from earnings and savings, toward their own costs. Financial aid resources serve to supplement students’ resources.

**GENERAL ELIGIBILITY REQUIREMENTS**

In order to participate in financial aid programs, a student must:

- be a citizen, a national or a permanent resident of the United States, or be in the United States for other than a temporary purpose. Proof must be provided to the Office of Student Financial Aid.
- be enrolled or accepted for enrollment at NSU
- be enrolled in at least three credit hours each semester. (Many financial aid programs require half-time or full-time enrollment each semester.)
- be making satisfactory progress in the course of study
- not be in default of, or owe a refund for, any aid received previously
- sign a Statement of Educational Purpose
- be registered for the draft if required to do so by federal law

Additional eligibility requirements may exist for some programs.

**APPLYING FOR FINANCIAL AID**

Prospective students who require financial aid in order to attend the university should apply for financial assistance during

candidacy for admission. Students must complete the university’s financial aid application and submit the Free Application for Federal Student Aid (FAFSA) for need analysis.

Financial aid applications are accepted throughout the year, but it is important to note that the priority deadline date for receipt of aid applications is April 1. New applications must be filed each year, regardless of whether funds previously were received.

**DEADLINES**

Type of Aid	Deadline
FAFSA Priority Deadline (for Perkins, FWS, and FSEOG)	April 1, 1999
FAFSA Priority Deadline (for FSAG)	May 15, 1999
FRAG (fall semester) Deadline	September 1, 1999
FRAG (winter semester) Deadline	January 3, 2000

Applications for aid received by the Office of Student Financial Aid by April 1, 1999, will be given priority consideration for the upcoming academic year. Applications received after that date will be considered on a funds-available basis only.

Students who wish to apply for the Florida Student Assistance Grant (FSAG) must submit their FAFSA in enough time to be received by Federal Student Aid Programs’ deadline of May 15, 1999 (for priority consideration).

NSU financial aid applications for the Florida Resident Access Grant (FRAG) for the fall semester must be received by the Office of Student Financial Aid no later than September 1, 1999. For students who will start the academic year during the winter semester, applications for FRAG must be received by January 3, 2000.

**NOTIFICATION OF AWARDS**

Students who apply before April 1 and are awarded aid by the university should receive notification by July 1 of that year.

Students who apply for a Pell Grant will receive a Student Aid Report (SAR) from Federal Student Aid Programs.

The application process normally takes six to eight weeks and, possibly, up to 12 weeks. It is extremely important that applicants fill out all forms completely and correctly and that they respond promptly to all inquiries in order to prevent delays in processing. Awards are made only for the current academic year. Students requesting aid for the summer must complete a separate summer aid application, which will be available in January 2000.

## FEDERAL PROGRAMS

### Federal Pell Grant

The Federal Pell Grant Program provides need-based federal grant aid to undergraduate students who are enrolled for at least three credits per semester. Awards range from \$400 to \$3,125 per year, and no repayment is required. All undergraduates who apply for need-based assistance are required to apply for a Pell Grant, as it is the basis on which all other aid is awarded.

### Federal Supplemental Educational Opportunity Grant (FSEOG)

The FSEOG Program provides additional need-based grant assistance to undergraduate students. Funds are limited, and priority is given to students who meet the April 1 deadline.

### Federal Subsidized Stafford Loan (FSL)

The FSL Program provides low-interest, need-based loans through participating banks, credit unions, and other financial institutions. Undergraduate students who are enrolled at least half time are eligible to apply. The interest rate is variable, but not higher than 8.25 percent. Freshmen may borrow up to \$2,625 per academic year; sophomores may borrow up to \$3,500; and juniors and seniors may borrow up to \$5,500. The federal government pays the interest to the lender during the student's enrollment in school. Repayment begins six months after the student is no longer enrolled at least half time.

### Federal Unsubsidized Stafford Loan

This program provides long-term, low-interest, unsubsidized educational loans, regardless of need. This loan is available to students who do not qualify for all or a portion of the Federal Subsidized Stafford Loan and to independent students wishing to borrow loan funds in addition to the Federal Subsidized Stafford Loan. Freshmen may borrow up to \$6,625 annually from the two programs (combined). Sophomores may borrow a combined annual total of \$7,500. Students who have reached junior status and above may borrow up to \$10,500 annually from the two programs. The interest rate is the same as that of the Subsidized Stafford Loan, and repayment begins six months after the student ceases at least half-time enrollment. However, unlike the need-based Subsidized Stafford Loan, the borrower is responsible for interest that accrues while in school and during deferment periods.

### Federal Perkins Loan

This program offers long-term, five-percent-interest-rate loans to students who demonstrate financial need. Repayment begins nine months after students are no longer enrolled at least half time, if

they did not have a loan prior to July 1, 1987. Priority is given to students who meet the April 1 deadline.

### Federal Parent Loan for Undergraduate Students

This program provides non-need-based loans to parents of dependent students. Parents may borrow up to the cost of education, minus other aid received. The interest rate is variable, capped at nine percent. Repayment begins 30 to 60 days after disbursement of the loan.

### Federal Work-Study (FWS)

Through the FWS Program, part-time jobs on campus are available to students on the basis of need. Generally, students work 15 to 20 hours per week. The rate of pay varies according to the job. Funding is limited, and priority is given to full-time students who meet the April 1 deadline.

## STATE PROGRAMS

### Florida Resident Access Grant (FRAG)

Through FRAG, full-time students may receive up to \$1,800 per year to offset the cost of tuition and fees, regardless of financial need. Students must be Florida residents for at least one year to qualify.

### Florida Student Assistance Grant (FSAG)

FSAG provides need-based grants of up to \$1,000 to undergraduates. Students must be enrolled full time, be Florida residents for at least one year, and meet the May 15 receipt-priority deadline.

### The Florida Teacher Scholarship and Forgivable Loan Program

This program is made up of the Chappie James Most Promising Teacher Scholarship for new freshmen and sophomores and the Florida Critical Teacher Shortage Forgivable Loan for juniors and seniors. Students who are enrolled in a teacher education program and who are majoring in an area of critical need may apply. To qualify for the scholarship portion, students must graduate from a Florida high school and must submit a scholarship application to their high-school principal by March 1 of their senior year of high school. The amount of the scholarship is \$1,500 per year for a maximum of two years. Students interested in this program must submit an application to the Undergraduate Education Department by March 15. Award amounts are \$4,000 per year for a maximum of two years. Students funded under this program are required to enter the teaching profession in an area of critical need upon graduation. For more information, or to obtain an application, contact the Office of Student Financial Aid.

### Seminole and Miccosukee Indian Scholarships

Need-based grants to cover educational expenses are available each year to qualified members of the Seminole or Miccosukee Indian tribes. Applications are available from the Higher Education Committee of either tribe or from the Florida Department of Education.

### Florida College Career Work Experience Program (CCWEP)

This need-based program makes off-campus, part-time jobs

available to undergraduate students. Applicants must be Florida residents for at least one year to qualify, and the positions held must be related to their academic majors.

### RENEWAL REQUIREMENTS

In awarding available funds, preference is given to students who file their applications by the priority deadline date. Generally, full-time students must have a cumulative GPA of 2.0 or higher in order to qualify for renewal of financial assistance.

### FINANCIAL AID STANDARDS OF ACADEMIC PROGRESS

NSU, in compliance with federal regulations, has established standards of receiving financial assistance. Satisfactory progress means that a student is making measurable progress toward a specified educational objective within a specific time frame. Listed below are condensed criteria of the satisfactory progress requirements at NSU.

#### Qualitative Measure

Students must earn the following cumulative grade point average after completion of each of the following increments:

- 1-29 credits: minimum GPA–1.70
- 30-59 credits: minimum GPA–1.85
- 60+ credits: minimum GPA–2.00

Some financial aid programs, especially the Florida Student Assistance Grant and other programs funded by the state of Florida, require a minimum GPA of 2.0, regardless of class standing. Most academic scholarships require a minimum GPA of 3.0.

#### Quantitative Measure

The maximum number of semesters in which a student will be awarded aid is 12. Full-time students receiving state aid are required to complete 12 credits per semester for the number of semesters for which state aid was received. Full-time students receiving federal aid must complete 20 credits each year. Students attending half time (or less) must complete 70 percent of attempted credits.

Please note: These are minimum criteria for maintenance of satisfactory progress. Please contact the Office of Student Financial Aid for specific details.

#### Process of Appeals

If a student's financial aid application is turned down because of failure to meet the above-mentioned standards, the student has the opportunity to appeal to the Standards of Academic Progress Appeals Committee in the Office of Student Financial Aid. The appeal should be made in writing, should be addressed to the committee (in care of the Office of Student Financial Aid), and should include the following documentation:

- An academic transcript from the registrar
- A letter written by the student, describing mitigating circumstances

- A physician's note and/or records if the appeal is based on a medical circumstance
- Additional supporting documents (if applicable)

Only written appeals will be considered; no verbal appeals will be heard. Decisions of the committee are final, and the student will receive written notification of the decision. If a probationary award is granted, it is valid for only one academic year. Only one probationary award is allowed per degree level during attendance at NSU.

### CONTACT INFORMATION

Contact the Office of Student Financial Aid, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796 (Horvitz Administration Building); telephone 800-806-3680. Office hours are 8:30 a.m.–7:00 p.m. Monday–Thursday; 8:30 a.m.–6:00 p.m. Friday; and 9:00 a.m.–noon Saturday.

### VETERANS' BENEFITS

All degree programs described in this catalog are approved for the training of veterans and other eligible persons by the Bureau of State Approval for Veterans' Training, Florida Department of Veterans' Affairs. Eligible veterans and veterans' dependents should contact the Office of the University Registrar, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796; telephone (954) 262-7241 or toll free 800-541-6682, ext. 7241.

#### Standards of Progress for VA Students

Each VA student will be provided a grade/progress report at the end of every evaluation period (e.g., term, semester, quarter). A copy of each report will be placed in the student's permanent file, which is maintained by the Office of the University Registrar.

VA students are expected to satisfactorily complete their program of study within the number of training hours approved by the State Approving Agency for Veterans' Training. VA students also must meet any academic, skill, and/or technical requirements for their particular program.

A VA student who has not attained and maintained satisfactory progress as outlined above during any given semester will be placed on academic probation for the following semester. Should the student not attain and maintain satisfactory academic progress by the end of the probationary semester, the student's VA education 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 16-week semester has elapsed. NSU may recertify students if it is determined that there is a reasonable likelihood that they will attain and maintain satisfactory progress for the remainder of their degree program.

NSU's interdisciplinary programs prepare undergraduate students for education at the graduate level.



NSU annually offers scholarships and grants to both incoming and returning students in the Farquhar Center for Undergraduate Studies. Eligibility and academic qualifications vary according to the award. In order to be considered for awards, applicants must have a complete file, including the Free Application for Federal Student Aid (FAFSA), and be officially accepted to the university. Awards will be made on a first-come, first-served basis. These awards will be combined with other federal and state financial aid programs to help meet the financial needs of students.

#### **INDEPENDENT COLLEGES AND UNIVERSITIES OF FLORIDA (ICUF) SCHOLARSHIPS**

Each year, ICUF provides students the opportunity to compete for certain corporate scholarship awards. Students enrolled in both the College of Professional and Liberal Studies and the College of Career Development are eligible to apply for ICUF scholarships. Please note that the criteria and availability of any ICUF scholarship is necessarily subject to change without notice.

The ICUF scholarships for the 1999-2000 school year are as follows:

- U.S. Sugar Corporation Scholarship Program  
A \$3,000 scholarship to a graduating senior
- UPS Scholarship Program  
A \$3,500 scholarship to a graduating senior
- The Coca-Cola First Generation Scholarship Program  
A \$5,000 scholarship for a graduating senior who is the first member of his or her family to graduate from college

## **UNDERGRADUATE SCHOLARSHIPS AND GRANTS**

- Delta Airlines Scholarship Program  
A \$2,500 stipend and a round-trip ticket on Delta Airlines to travel abroad for international study
- Huizenga Family Foundation Scholarship Program  
A \$3,000 scholarship to a senior student
- The AVMED Scholarship Program  
A \$3,000 scholarship to a student who is planning a degree and career in health services and management
- The Carnival Cruise Lines Scholarship Program  
A \$3,000 scholarship for junior and senior students
- Florida Maritime Industries Scholarship Program  
A \$3,000 scholarship to a graduating senior majoring in international business
- Life Care Centers Scholarship Program  
A \$3,000 scholarship to students who are planning a degree and career in health services and management and are willing to consider developing a career within the long-term health care industry
- Michael Swerdlow Scholarship Program  
A \$3,000 scholarship for juniors or seniors

For specific eligibility requirements and further information, contact Caryn Asleson in the Office of the Dean at (954) 262-8403.

#### **COLLEGE OF PROFESSIONAL AND LIBERAL STUDIES SCHOLARSHIPS**

##### **Nova Southeastern University Honor Awards (new students)**

1. NSU Freshman Honor Award–Freshman criteria (\$1,000–\$8,000): This is an academic merit award based on high-school GPA and SAT/ACT test scores and is recalculated by NSU. The award is renewable each year providing students maintain a 3.0 NSU GPA and are enrolled full time (24 credit hours per academic year).

2. NSU Transfer Honor Award—Transfer criteria (\$1,000-\$7,000): (a) 24 or more semester hours earned from a regionally accredited institution; (b) cumulative college GPA of 3.0; (c) counselor/faculty recommendation. The award is renewable each year providing students maintain a 3.0 NSU GPA and are enrolled full time (24 credit hours per academic year).

#### **Nova Southeastern University Financial Aid Grant**

This grant is awarded to students based on unmet financial need and may be awarded in conjunction with an NSU Honor Award. It is renewable according to need.

#### **Donor Scholarships**

The university offers a number of academic scholarships made possible by donations to its scholarship fund. Awards are made to eligible returning students who have filed a FAFSA by April 3 and who have at least a 2.5 grade point average. No separate application form is required.

##### *Wassermann Scholarship*

In memory of Gustav Wassermann, one scholar majoring in legal studies receives an annual award of \$1,000 in the form of a tuition grant for demonstrated excellence and leadership at NSU. This scholarship is disbursed on a prorated basis for the fall and winter semesters and is applied toward tuition costs. Contact Caryn Asleson in the Office of the Dean at (954) 262-8403 for further information.

##### *Bekoff Scholarship*

One scholar receives an annual award of \$1,000 from the Dr. and Mrs. Bekoff Scholarship Fund in the form of a tuition grant for demonstrated excellence and leadership at NSU. This scholarship is disbursed on a prorated basis for the fall and winter semesters and is applied toward tuition costs. Contact Caryn Asleson in the Office of the Dean at (954) 262-8403 for further information.

#### **ILR Endowed Scholarship Fund**

This fund, established by the Institute for Learning in Retirement, provides annual scholarships to returning undergraduate students. A 3.6 high-school or college GPA, high financial need (based on the student's NSU financial aid file), two letters of recommendation, and an essay are required. Applications are available from academic advisors, the Office of Undergraduate Admissions, and the Office of Student Financial Aid.

#### **Professional and Liberal Studies Scholarship (continuing students)**

Continuing students in the College of Professional and Liberal Studies may be eligible for awards ranging from \$250 to \$1,500 per year. Awards are competitive and based on academic achievement and financial need. This is a one-year award, and students may reapply each year.

#### **International Student Scholarship (continuing students)**

Continuing international students in the College of Professional and Liberal Studies may be eligible for awards ranging from \$250 to \$1,000 per year. Awards are competitive and based on academic achievement and financial need. This is a one-year award, and students may reapply each year.

#### **Book Award (continuing students)**

This scholarship provides a \$250 book credit at Nova Books for eligible continuing professional and liberal studies students. Awards are academically competitive, with preference given to upperclassmen.

#### **PTK Award**

This annual award of \$1,000 per year is available to qualifying new PALS transfer students who are members of Phi Theta Kappa.

#### **Horatio Alger Collegiate Partners**

NSU is a member of the Horatio Alger Collegiate Partners Program.

For additional eligibility requirements, applications, or other information, contact your academic advisor.

### **COLLEGE OF CAREER DEVELOPMENT SCHOLARSHIPS**

#### **Matching Fund Scholarships**

The Matching Fund Scholarship is restricted to monies a student receives from community service organizations or recognized organizations with scholarship funds. The Farquhar Center will match the amount granted to an eligible full-time student by the organization. The maximum award is \$1,000 per academic year and may not exceed the student's unmet need as stated in his or her NSU financial aid file.

#### **The Joseph W. Fordyce Scholarship**

This is a full-tuition scholarship awarded annually to one full-time student from Broward Community College's Honors Program. This scholarship is funded by the College of Career Development. To be eligible, a student must be an adult learner who has excelled academically and who has earned an honors certificate upon graduation from Broward Community College.

#### **ILR Endowed Scholarship Fund**

This fund, established by the Institute for Learning in Retirement, provides annual scholarships to returning undergraduate students. A 3.4 high-school or college GPA, high financial need (based on the student's NSU financial aid file), two letters of recommendation, and an essay are required. Applications are available from academic advisors and the Office of Student Financial Aid.

#### **Horatio Alger Collegiate Partners**

NSU is a member of the Horatio Alger Collegiate Partners Program.

### **RENEWAL OF AWARDS**

Nova Southeastern University Honor Awards are automatically renewed as long as the student maintains a 3.0 cumulative grade point average, earns 24 credits during consecutive fall and winter semesters, and remains a full-time student. All other awards made by the university are not automatically renewed, and students must reapply for aid each academic year. Applications are available in January of each year for the upcoming academic year.



## OTHER SOURCES OF ASSISTANCE

The Office of Student Financial Aid maintains a Scholarship Source Library at the main campus. Students may use this library's reference books to locate private sources of funding. A file of pamphlets and brochures is also maintained, announcing special awards, fellowships, and grants. All students are invited to use these materials. The university and public libraries, as well as commercial bookstores, also provide financial aid reference books that list private scholarships. In addition, many high-school guidance counselors and chambers of commerce are resources for scholarship information. Students with access to the Internet may also search for scholarship information using FASTWEB, located at <http://www.studentservices.com/fastweb>.

Challenge. Discipline.  
Excitement. That's what  
students find at Nova  
Southeastern University.



■ ■ ■ ■ ■ ■ ■ ■ ■ ■  
**COLLEGE OF  
PROFESSIONAL AND  
LIBERAL STUDIES**  
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262-8001 (in Broward County) for an application or an appointment. Students from other locations should contact 800-338-4723, ext. 8001.

**APPLYING FOR ADMISSION**

In keeping with its philosophy of valuing individual worth and difference, NSU considers applicants in terms of their potential for success. The Office of Undergraduate Admissions evaluates all applications for admission into the College of Professional and Liberal Studies. An admissions committee made up of faculty members, student advisors, and admissions representatives review applications and make a determination of admittance, nonadmittance, or wait list status. Factors affecting the committee's decision include a student's high-school grade point average (GPA), Scholastic Achievement Test (SAT) or American College Test (ACT) scores, previous college performance, recommendations, and student essays.

The College of Professional and Liberal Studies (PALS) provides a unique undergraduate experience that combines a comprehensive general education program with study in a major area of concentration. As part of the general education program, students take a curriculum of core studies organized around seven interdisciplinary themes. Taught by faculty from a number of academic disciplines, core study courses provide a context for studying and analyzing problems of significant intellectual and social concern.

In the first year, in addition to core studies, students develop competencies in mathematics and composition. Students access computer programs that permit self-paced learning, self-assessment, and access to faculty members when problems arise.

Students in PALS learn how the behavioral and social sciences, humanities and arts, and science and technology can enhance their careers and lives. The curriculum challenges undergraduates with the fundamental questions of living and inspires them to cultivate a life of intellectual integrity, personal concern, and social responsibility.

**ADMISSION INFORMATION  
AND ADMISSION COUNSELING**

Choosing a university is not only a paper process; it requires a dialogue with people who are knowledgeable about the many choices to be made. We strongly urge prospective students to talk with one of our counselors, either in person or by phone, to discuss questions that have career, financial, and academic implications. Contact (954)

Students interested in the physician assistant undergraduate major should contact NSU's College of Allied Health, Health Professions Division, at (954) 262-1101. Programs in the Health Professions Division may have different general education requirements, transfer policies, and scholarship programs than those in the College of Professional and Liberal Studies. Students who enter the Health Professions Division may be affected by these different policies. See also the "Dual Admission Program" section in this catalog for further information.

**Application Procedures**

1. Send a completed application form and the \$25 non-refundable application fee to this address:  
Nova Southeastern University  
Office of Undergraduate Admissions  
3301 College Avenue  
Fort Lauderdale, Florida 33314-7796
2. Entering freshmen must submit a current high-school transcript. Submission of a final, official high-school transcript (or GED equivalent), including proof of graduation, is required prior to the student's second-semester course registration (16 weeks

maximum). Transfer applicants must submit official transcripts from all colleges or universities attended. If, at the time of application, students have any courses in progress at another institution, a final, official transcript must be submitted prior to the student's second-semester course registration.

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

Applicants who are currently under suspension or who have been dismissed from another postsecondary institution are not eligible for admission to the Farquhar Center. 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.

3. Students who have previously earned 24 or fewer college credits must submit either SAT or ACT scores.

4. Speak with a counselor in person or by telephone.

### **INTERNATIONAL STUDENTS**

International students 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.

#### **International Student Application Procedures**

1. Submit all secondary school and college-level transcripts. Transcripts must be official English-language translations (this condition applies to transcripts that are not already in English). Applicants must have the equivalent of an American high-school diploma. Credits earned at non-U.S. universities must be evaluated by an outside agency.

2. Achieve a score of 550 or higher on the Test of English as a Foreign Language (TOEFL) exam or 480 on the SAT (verbal section). If the SAT was taken prior to April 1, 1995, a score of 400 is required.

3. Students should submit a letter from a financial institution indicating an ability to meet all costs of education without financial aid from NSU. The minimum amount is determined by the budget prepared by the NSU Office of Student Financial Aid. 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.

4. Purchase medical insurance (J-1 visas only). Contact the international student advisor for further information concerning insurance.

After NSU has received all of the above information and has granted the applicant admission, an acceptance letter will be sent. An I-20 will be issued upon receipt of a \$200 tuition deposit.

### **ACCEPTANCE**

Students may apply for admission and may be accepted to NSU throughout the entire year. Students may begin classes at the beginning of any semester. Files are reviewed weekly by the Admissions Committee. Upon receiving notification of acceptance, students should promptly inform the Office of Undergraduate Admissions, in writing, of their intention to enroll and forward a \$200 nonrefundable deposit to be credited toward tuition. Any student admitted based on nonfinal or unofficial documents from high school and/or all previous colleges attended is considered provisionally admitted until all required final, official documents are received. Students admitted to the Intensive Studies Program will need to complete an academic contract as a condition of their acceptance.

Full admission to the college will be granted upon receipt of all required documents: entering freshmen must submit final, official high-school transcripts indicating graduation (or GED equivalent); transfer students must submit final, official transcripts from all colleges or universities attended. If these required documents are not received prior to the student's second-semester course registration (16 weeks maximum), that course registration will not be approved. Appeals of this policy may be made through the student's academic advisor. Further questions should be directed to the Admissions Office at (954) 262-8001 or 800-338-4723, ext. 8001.

### **REQUIREMENTS FOR CONTINUED ENROLLMENT**

Once admitted students have enrolled in the Farquhar Center for Undergraduate Studies, they must meet additional requirements during their first year of enrollment.

#### **Requirements for First-Time College Students**

1. It is important that students are placed in the appropriate college-level skills courses in mathematics, reading, and writing during their first semester at NSU. All new students must take placement tests prior to enrollment. Some students may be exempt, based on their scores on admissions tests (SAT or ACT) and their particular choice of major at NSU. The results of placement tests are used to assist advisors in registering students for their courses. Placement tests may be taken only once.

2. Students who have not yet demonstrated college-level skills in mathematics, reading, and writing must successfully complete developmental courses (MATH 1000 and LANG 1000) by the end of one calendar year of enrollment. After three semesters, these students may not enroll in other course work at the Farquhar Center until they successfully complete LANG 1000 and/or MATH 1000 or take placement tests and earn scores high enough to register for LANG 1500 and/or MATH 1030. Students may take placement examinations only once.

3. Individual academic departments and/or majors may have specific requirements for continued enrollment. Students should consult their academic advisors for further information.

### **Requirements for Transfer Students with Credits from Other Colleges/Universities**

All new students must demonstrate college-level skills in reading, writing, mathematics, and computer literacy within one calendar year by one of three methods:

1. Upon enrollment, transfer students present transcripts indicating comparable courses taken. Students must have earned a C or better in comparable courses.
2. Transfer students score at or above the specified level on placement test(s).
3. Transfer students successfully complete the required developmental course(s) in reading, writing, and mathematics within one calendar year.

### **SPECIAL STUDENT STATUS**

Students enrolling as special 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 Intensive Studies students nor to students who have already earned a baccalaureate degree.

Special students should indicate their status on the application form and submit it with the application fee and a transcript from the last college attended, if applicable. Once the admission 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, nor are they eligible for financial aid.

### **INTENSIVE STUDIES PROGRAM**

Each year, a small number of applicants who have some weakness in their academic background or test scores, but who also show potential for academic success, are conditionally admitted to the college in the Intensive Studies Program. This program provides the student with structured academic support, a reduced course load (in most cases), and careful monitoring of academic progress.

### **DUAL ADMISSION PROGRAM**

NSU offers dual admission to a select number of highly motivated, academically talented students interested in pursuing both undergraduate and graduate studies in speech-language pathology, dispute resolution, law, business, psychology, marine biology, osteopathic medicine, optometry, pharmacy, dental medicine, physical therapy, or occupational therapy. For students seeking an undergraduate degree in the physician assistant major, a dual admission program leading to a baccalaureate degree exists within the Farquhar Center for Undergraduate Studies and the Health Professions Division. Dual admission majors in the Health Professions Division are available to entering freshmen only.

Students who successfully meet all program requirements are assured a place in the NSU graduate or professional school they have chosen. In addition, some of the dual admission programs are combined programs. The combined programs enable students

to complete both the baccalaureate degree and the professional degree, often in a reduced period of time. Students' number of years as an undergraduate can be reduced, and they receive the baccalaureate degree after completing a prescribed number of courses in the professional school. These courses also count toward the graduate or professional degree.

Students will complete their undergraduate requirements in the Farquhar Center for Undergraduate Studies and complete their graduate or professional school requirements in one of the university's graduate centers. Final admission into the graduate or professional school is contingent upon 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.

Students considering a dual admission program should speak with one of the undergraduate admission counselors to discuss program requirements and prerequisites.

### **DOUBLE MAJORS**

Students may graduate with double majors. A minimum of 30 semester hours must be completed for each major. Students must inform their advisor of their intent to declare a second major. This is subject to the availability of courses based on academic department schedules.

### **MINORS**

The Farquhar Center for Undergraduate Studies offers minors in the following areas

- Banking and Finance
- Communications
- Computer Applications
- Criminal Justice
- Food Industry Management
- Forensic Psychology
- Gender Studies
- Global Studies
- Human Resource Management
- Humanities
- International Business
- Latin American and Caribbean Studies
- Legal Assistant Studies
- Legal Studies
- Management
- Marketing
- Organizational Management
- Psychology
- Speech-Language Pathology
- Substance Abuse Studies
- Technology
- Tourism

The course requirements for each minor are outlined in each academic department's section of this catalog (consult the table

of contents for exact page numbers). Students must fill out a Request for Minor Form, available from their academic advisor, once course work for the minor is complete.

### **DEGREES CONFERRED**

NSU awards two undergraduate degrees: the bachelor of arts degree and the bachelor of science degree. The diploma indicates the student has earned a bachelor of arts degree or a bachelor of science degree; it does not indicate the major. The academic transcript, the official record of work at NSU, indicates degree earned, major field of study, and specialty, if any.

### **SECOND BACHELOR'S DEGREE**

Students with a bachelor's degree from a regionally accredited institution other than NSU may earn a second bachelor's degree from NSU by completing a minimum of 30 approved additional credits in a particular major. At least 50 percent of all credits required in the selected major must be taken at NSU.

### **TRANSFER CREDITS**

NSU welcomes undergraduate students who have earned college credits at other regionally accredited colleges or universities. Students who plan to transfer should contact an NSU admissions counselor to discuss how prior college credits can be used to obtain an NSU degree. Community college students should contact an NSU admissions counselor as early in their college career as possible so they can choose courses for their associate's degree that will transfer to NSU and be appropriate for their intended bachelor's degree. NSU has articulation agreements with all Florida community colleges. Students transferring with an associate of arts degree (awarded in 1993 or later) from any of these institutions will be granted junior standing upon entering NSU. Additional articulation agreements exist with several independent two-year colleges. These agreements are evaluated periodically. Contact an academic advisor for information on current articulation agreements.

Once a student has been accepted by NSU and the university has received all final official transcripts, the student will receive a Curriculum Requirements and Evaluation of Transfer Credit Form. This form lists each of the specific courses needed for the major and any credit that has been allowed through transfer or credit by examination. An evaluation of transfer credit will be completed by the end of 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. NSU will transfer a maximum of 90 eligible semester credits (grades of C or better), including credit for CLEP, proficiency exams, and prior experiential learning, toward a degree; however, a maximum of 66 transfer credits can be accepted from

community colleges. A limited number of D grades may be considered, depending on the total number of credits being transferred and where the D grades are being applied to the curriculum. Remaining credits and at least 50 percent of the credits in the student's major area and minor must be earned at NSU in regular academic offerings.

### **EXPERIENTIAL LEARNING**

The Farquhar Center is deeply committed to providing service and assistance to the community through experiential learning opportunities for its students. Experience-based courses allow students to work closely with faculty members, employers, and community leaders. Numerous opportunities to receive academic credit for experiential learning within local, national, and international settings are available to undergraduate students. NSU assists students in locating paid or nonpaid work or service experiences within the community.

The Cooperative Education Program is administered jointly with the Career Resource Center. Students obtain practical, paid work experience and academic credit in an off-campus position related to their academic major or career choice. Nonpaid work experiences also are available through the Internship Program. These courses are open to all degree-seeking students with a cumulative GPA of 2.5 or higher who have completed at least 36 credit hours. Co-op and internship placements are for a minimum of 10 hours per week for 16 weeks. Co-op students are encouraged to apply at least two months before beginning a co-op experience.

The Service-Learning Program offers undergraduate students service experiences within local, national, or international agencies. Courses are designed to provide students with service experiences related to the undergraduate core curriculum that will enhance personal and academic reflection and growth. Service-learning courses focus on educational, environmental, social, cultural, or biomedical issues of concern to students, the faculty, and the community. Faculty members also may include service learning as a component within courses related to academic majors and the general education curriculum.

Students interested in any of the above experiential learning programs should contact the coordinator of community service in Parker 206 at (954) 262-8093.

### **PRIOR LEARNING**

Through RECALL (Review and Evaluation of Career and Lifelong Learning), NSU allows undergraduate students to receive credit for certain learning experiences they have had. Most credit from previous college work is transferable. Credit also can be gained by taking the College Level Examination Program (CLEP) test and from experiences that relate to and can be considered equivalent to college-level learning. As many as 90 hours of college credit may be granted through RECALL. Contact Randi Miletsky, coordinator of prior learning assessment, at (954) 262-8414 for further information.

## TESTING CREDITS

Students may earn college credit through the College Level Examination Program (CLEP), the Proficiency Examination Program (PEP), the New York University Proficiency Exam (NYU), the Defense Activity for Non-Traditional Education Support (DANTES), and Advanced Placement Examinations (AP). CLEP is administered at NSU through the College Board. To receive credit through the CLEP, PEP, NYU, or DANTES examinations, a student must score in at least the 50th percentile. All testing must be completed by the time the student has completed 24 credits at NSU. Advanced placement credit may be available to students who score at least a three on AP examinations. International baccalaureate credit also may be granted. Students should discuss requests for credit with their advisors.

Before applying to take any of the above examinations, a student should consult an academic advisor to be sure that the credits granted are applicable to the student's course of study.

Evaluation of credit by examination will be made upon admission but will be recorded on the student's permanent record only after the student has registered for and completed 12 credits at NSU. In exceptional circumstances, students may be permitted to take courses at another college while enrolled at NSU. However, credit will be transferred only if there is prior written approval from the academic director and an earned grade of C or better. Students taking courses at more than one center within NSU must receive written approval from an advisor.

It is possible to test out of TECH 1110 (Technology in the Information Age), and students wishing to do so should contact their advisors. The cost is \$45 to take the exam and an additional \$45 if credit is to be issued. Students will be informed of an exam's results once it has been scored (approximately four weeks).

## ACADEMIC INFORMATION

### New Student Skill Requirements

Students are expected to demonstrate skills appropriate for college-level work in all courses. Before the first semester of enrollment, students without college-level math and/or English may be required to complete placement tests in the areas of reading, writing, and mathematics and will then be advised as to appropriate course selection. Students needing further development of skills will be informed about opportunities available for assistance. While a student is acquiring these skills, his or her enrollment is limited to courses approved by an advisor, generally at the 1000 and 2000 levels. The passing of placement tests is a prerequisite to enrollment in many courses, including all initial mathematics and communications courses.

For specific placement test procedures and practice exams, refer to the brochure on skill and competency requirements available in the Testing Assessment Center. Assistance in mathematics and communications is available through the Academic Support Center.

### Composition and Mathematics Requirements

All students are required to take the appropriate composition and mathematics courses during their first semester of enrollment at NSU. Students must enroll in and successfully complete their composition and mathematics sequence of courses in consecutive trimesters. If a student is unable to complete one of these courses successfully, he or she must reenroll for the next semester. Assistance in writing and math is provided by the Academic Support Center.

Students who are required to take LANG 1000 or MATH 1000 will be allowed to enroll in the course no more than two times. If the course is not completed successfully with a grade of C- or better on the second attempt, the student will be automatically dismissed from the college.

Students may request readmission from the Academic Progress Committee upon demonstration of having acquired the skills necessary to be successful in LANG 1000 or MATH 1000.

### Oral Communications Requirement

All students must complete at least one course in oral communications as part of their general education requirements. LANG 2010: Public Communication; LANG 2020: Theories of Argument and Debate; or LANG 2030: Dramatic Interpretation may be used to fulfill the requirement.

### Writing Across the Curriculum

In each course a PALS student takes, at least 35 percent of the final grade is determined by written assignments, except in certain courses as determined by the dean.

Each course requires 8-20 pages of writing (35 percent of which should be in narrative form), with the faculty providing significant feedback on the assignments. Writing assignments will include those done in and out of class. The Writing Across the Curriculum Committee reviews and assesses the policy annually.

## GRADING SYSTEM

Grade	Points
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	—
PR Progress	—
XF Unofficial Withdrawal	0.0

### **Grade Point Average and Quality Points**

A student's academic standing for a specific semester is his or her grade point average (GPA), and the GPA is determined by "quality points." Quality points are determined by multiplying the numerical value of a letter grade (points) by the number of credits assigned to a course. The GPA is calculated by dividing the total quality points earned in a semester by the total credits taken in a semester. The student's overall academic standing is determined by the cumulative grade point average (CGPA). The CGPA is calculated by dividing the total quality points earned by the total credits taken.

### **Grade Reports**

Grade reports are sent to students at the end of each semester. A copy of the report is placed in the student's permanent file. Legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons protect students. Students are permitted to inspect, review, and challenge such information as provided by law.

### **Dean's List**

Any full-time student who earns a GPA of 3.5 or higher in the fall or winter semester(s) qualifies for the Dean's List. A Dean's List letter is mailed to the student, and the Dean's List comment appears on the student's official transcript. Students with grades of I (incomplete) are not eligible for the Dean's List for that semester.

### **Incomplete**

An incomplete (I) can be awarded only in cases of actual hardship experienced by the student as judged by the instructor. When instructor and student agree to an I status, both must sign the Contract for Removal of an Incomplete Grade. The student will have up to 16 weeks to complete the course. When the additional 16 weeks have passed, the I will be changed to a grade of A through F, based on the course work completed by that time. A student who is absent at the final examination without prior approval cannot receive an incomplete grade.

### **Optional Pass/Fail**

Students in good academic standing may register for two electives outside of 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 GPA).

## **WITHDRAWAL POLICY**

A student will be administratively withdrawn if he or she misses both the first and second class meetings. After the third week of class, a student may withdraw only with the signature of the instructor. Students may withdraw from a course before the seventh week of an eight-week course and before the 15<sup>th</sup> week of a 16-week course.

A Student Transaction Form must be received and date-stamped by the Office of the University Registrar before the deadline. Such a withdrawal will appear on the transcript, but it will not count toward the GPA. A student considering withdrawal is encouraged

to meet with the instructor and/or program advisor to discuss the implications of such actions. Foreign students are encouraged to speak to the international student advisor prior to submitting a Student Transaction Form for withdrawal from a course, as it may affect immigration status. Financial aid recipients should speak to an advisor from the Office of Student Financial Aid.

Students may request a "late withdrawal" due to extenuating circumstances by completing a Student Action Form (SAF). Students must submit the SAF to their advisors before the last class meeting. Appeals for withdrawal after the last day of class must be sent to the dean.

## **REPEATED COURSES**

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. Students may repeat a course no more than three times, and the highest grade will be counted in the student's GPA. Students need to complete a Repeated Course Form after the course has ended. Repeated Course Forms are available from academic advisors. Students are allowed three attempts to successfully pass a course. An attempt is defined as any letter grade (W, A-F). Students who are unsuccessful after three attempts in an elective course or a general distribution course (with other options) can continue enrollment, but cannot repeat that specific course. Students who are unsuccessful after three attempts in program requirements, prerequisites to major courses, or major courses can choose to switch majors. Students may not continue in that major. Students who are unsuccessful after three attempts in required general education and core courses (where there are no alternative courses) are academically dismissed.

## **SUMMER ENROLLMENT POLICY**

Students may be permitted, with prior approval, to take courses during the summer months at an accredited institution outside of South Florida. These courses may be used for elective credit or general education distribution course credit (not core courses). Students may take up to 10 percent of the credits needed to complete degree requirements at NSU. To request permission to take courses at other institutions, students must submit an Interim Enrollment Form and must provide catalog descriptions of these courses to their advisor prior to enrollment.

## **SATISFACTORY ACADEMIC PROGRESS**

To remain in good academic standing, undergraduate students must maintain the required minimum grade point average (GPA) or higher on all credits attempted. Students receiving financial aid should consult this catalog for information on minimum requirements for GPA and credit hours.

### **Minimum Requirements (GPA)**

- 1-29 credits–1.70 GPA
- 30-59 credits–1.85 GPA
- 60+ credits–2.00 GPA

## **Minimum Graduation Requirements (GPA) in the Major**

Majors in the Department of Education: 2.5

All other majors: 2.25

### **Academic Jeopardy**

At the end of each semester, the Office of the Dean reviews students' academic progress. Students whose grade point average (GPA) falls below minimum grade point average requirements will receive notification that they have been placed in one of the categories of academic jeopardy listed below. Except for academic warning, all other categories become part of the student's permanent transcript.

## **DEFINITIONS**

### **Academic Warning**

Students whose cumulative GPA falls below 2.0

### **Academic Probation**

Students who have completed at least 12 credits for which they have received grades of A through F and who fall below the minimum GPA (see "Minimum Requirements" above)

### **Continued Probation**

Students who, in successive semesters of enrollment after being placed on academic probation, earn a minimally acceptable GPA but whose cumulative GPA for all semesters falls below the minimum grade point average requirement

### **Progress Probation**

Students who fail to complete at least 70 percent of credits attempted in any one semester with grades of D or better

### **Off Probation**

Students who achieve the minimum cumulative GPA

### **Suspension**

Students on academic probation or continued probation who fail to earn a minimally acceptable GPA in the next semester of enrollment or students on progress probation who fail to complete at least 70 percent of credits attempted in a successive semester

Length of suspension is for two semesters. Students must appeal for readmission at least one month prior to the requested date of readmittance (see "Notification and Appeals").

### **Dismissal for Failure to Complete Developmental Math or Language Requirements Successfully**

Students who fail to complete MATH 1000 or LANG 1000 successfully after two attempts. Grades of D+, D, F, or a withdrawal (W) are unsuccessful attempts. Students may request readmission after demonstrating that they have acquired the necessary math or language (writing) skills by passing the appropriate placement exams or by successfully completing transferable math or language (writing) courses at another institution.

### **Dismissal Following Suspension**

Students readmitted on continued probation following suspension who fail to meet a minimally acceptable GPA

## **Notification and Appeals**

A student placed on suspension or dismissed will receive a certified letter sent to the student's local address. The student will have until the deadline specified in the dismissal or suspension letter to appeal to the Academic Progress Committee. The committee includes faculty members from each academic department, a representative academic advisor, and a representative from the Academic Support Center. The committee reviews appeals for suspension and dismissal. Notification of decisions will be sent to the address given in the appeal letter. The student may contact an academic advisor or the director of student support in the Office of the Dean for information.

## **Readmission Following Suspension or Dismissal**

Students requesting readmission following suspension or dismissal must submit a written request to the Academic Progress Committee at least one month prior to the semester in which they wish to reenroll. The committee will review all requests for readmission. However, the student must justify reasons for readmission and readiness for reentering the Farquhar Center for Undergraduate Studies.

## **INDEPENDENT STUDY AND TUTORIAL**

Independent study provides qualified students an opportunity to research a question of interest under faculty supervision. A tutorial enables qualified students to take a regular course from an instructor on an individual basis rather than in a classroom format. Tutorials are allowed only in exceptional circumstances. A student interested in either an independent study or a tutorial should contact his or her academic advisor and consult with a faculty member to draw up a contract outlining student responsibilities. The student, the instructor, and the department's academic director must sign the contract. Regular tuition schedules and rates apply to both independent study and tutorials.

## **AUDITING A COURSE**

A student may register to audit a course. The student may attend all classes but is not required to take examinations. A grade of AU will be given 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 tuition rate, provided the total number of credit hours, including credits assigned to audited courses, do not exceed 18. Otherwise, tuition will be charged at the prevailing, per-credit-hour rate.

## **CLASS ATTENDANCE**

The basis of the educational process at NSU presumes a continuous, close-working relationship between instructor and student. Therefore, students are expected to attend class regularly. Specific requirements are established by each instructor and are communicated either at the first class meeting or in the syllabus. The administration will support the faculty member's attendance requirements. The student is responsible for the academic consequences of absences from class.



Students who miss class must let the instructor know that they are going to be absent before the class meets. Students who miss class because of an illness or other emergency should see or call the instructor as soon as possible and arrange to make up the work.

### **REQUIREMENTS FOR GRADUATION**

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

1. Admission as a degree-seeking candidate in one of the majors
2. Completion of general education, specialty, and elective requirements as specified by the major program
3. Completion of major requirements as specified
4. Attainment of a 2.0 cumulative grade point average (2.5 in education)
5. Attainment of a 2.25 grade point average (2.5 in education) in the major area
6. Attainment of a 2.25 grade point average (2.5 in education) in minors, if selected or required by program
7. Completion, at NSU, of at least 30 credits (not including CLEP, proficiency examinations, or 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 experiential learning credits)
9. Submission of a Degree Application Form and payment of the diploma fee prior to completing registration for the last semester
10. Fulfillment of all obligations to the library, the student's program, and the comptroller's office

### **GRADUATION WITH HONORS**

A student eligible for graduation with a cumulative grade point average of 3.8 or higher who has 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 distinction if they have maintained at least a 3.8 GPA in all course work accepted toward their degree program at NSU.

Degree candidates must complete all of the requirements as specified above.

### **INTERRUPTION OF STUDIES**

Students who enroll at NSU are eligible for graduation once they meet the program requirements listed in the university catalog that was in effect when they entered NSU. When there is a major break in attendance (one calendar year from the end of the last semester enrolled), the students will then have to meet the requirements of the university catalog in effect when they return to NSU, or as agreed on by the academic program director and the student.

“ NSU’s undergraduate program is small, so you get lots of personal attention. The curriculum is demanding, and the atmosphere is competitive but collegial. ”



PROGRAMS OF STUDY

**GENERAL EDUCATION PROGRAM**

The General Education Program is designed to foster critical and creative responsiveness by helping students develop the ability to solve problems, think analytically, and communicate clearly. As a result of the General Education Program, students will develop effective communication skills in speaking, listening, writing, reading, and critical interpretation. The General Education Program also helps students place ideas in their proper context and appreciate the role of values within a cultural tradition.

**Mission Statement for General Education**

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

**Core Studies**

Certain courses contribute to the breadth of awareness expected of all Farquhar Center graduates. These courses are part of the program requirements that all majors share. Core studies require a sequence of courses taken over four years in the following thematic areas (at least three must be completed in the freshman year):

*Freshman Year*

**CORE 1410 Journey I**

This interdisciplinary course is the first course all freshmen will take at NSU. It provides an academic and social context for

examining intellectual and personal issues. The metaphor of life as a journey provides the vehicle for this exploration. Students will examine literary and other creative works as well as participate in the process of documenting their own undergraduate journey. Students are encouraged to maintain a portfolio of educational “artifacts” (papers, exams, notes, drawings, journal entries, musical compositions, poetry, etc.) throughout their undergraduate experience at NSU. This portfolio provides a basis for Journey II: The Capstone Experience, a required course to be taken in the senior year.

**CORE 1420 Human Nature, Human Behavior**

This course addresses the question, “What is the nature of the individual?” and examines the biological and environmental influences that shape the individual. An analysis of classical and contemporary sources helps the student think critically about basic theories and issues, such as nature versus nurture, the mind-body dichotomy, cognitivism, behaviorism, and the scientific exploration of human behavior.

**CORE 1430 The Living Earth: An Environmental Perspective**

In this course, students study the science of ecology and the impact made by humans on the environment. The course makes obvious the fact that there are no simple answers or quick solutions to environmental problems. It will, however, help students gain a more complete and genuine understanding of the cause-and-effect relationships that operate in the environment, thereby providing a basis by which they can evaluate their own responsibility to the long-term sustainability of the biosphere.

**CORE 1440 Other Voices, Other Visions: Multicultural Perspectives**

This course examines the role of “world view,” encourages an appreciation of different peoples and cultures, and fosters respect for diversity in local, national, and international environments.

*Sophomore Year*

Select one of the following courses:

**CORE 2450 Individual and Social Systems**

A study of the nature of institutions and the reciprocal relationship between people and institutions, this course emphasizes, in

particular, the goal of developing a sense of community and social responsibility among students and faculty.

—OR—

#### **CORE 2460 Economic Transformations and Society**

This course examines the theory, economic history, and policies that affect national and global economies. It covers a wide variety of issues, such as population, distribution of wealth, Third World debt, and global productivity.

*Junior Year*

#### **CORE 3470 Ethical Systems**

An examination of ethical systems that instruct in matters related to moral action, moral judgment, and responsibility, this course explores different ways of viewing contemporary moral issues, such as abortion, euthanasia, and racial discrimination.

*Senior Year*

#### **CORE 4480 Journey II: The Capstone Experience**

This course provides a context for the systematic examination and interpretation of the portfolio begun in Journey I, assisted by literature on personal ethnography and self-assessment.

Each eight-week core course carries a total of three credit hours, which will apply as partial fulfillment of the 54 credit hours required in the General Education Program.

#### **Mathematics Sequence**

The mathematics sequence (MATH 1100/MATH 3020) in the General Education Program is designed to provide students with a global perspective of mathematics and an opportunity to learn many useful applications of mathematics in solving real-world problems. Topics studied include algebra, geometry, trigonometry, probability, and statistics. Students must enroll in and successfully complete their mathematics sequence of courses in consecutive trimesters. Please refer to major programs of study for further information on specific course requirements.

#### **Composition Sequence**

NSU undergraduate students meet composition requirements by taking two composition courses. The first course, LANG 1500: College Writing I, combines instruction in the principles of effective argumentative writing with emphasis on an ability to critically read selections from essays and imaginative literature. The course also introduces students to research and writing with computers. The second course, LANG 2000: College Writing II, taken in the student's sophomore year, emphasizes advanced argumentative writing, use of the library, and development of a documented research essay, along with more advanced instruction in reading and interpreting texts. In the composition sequence, students have an opportunity to integrate writing instruction with currently available computer technology. Both courses require students' use of computers for wordprocessing, text analysis, and online communication.

Students who are required to take LANG 1000 and/or MATH 1000 will be allowed to enroll in the course no more than two

times. If these courses are not completed successfully on the second attempt, the student will be academically dismissed from the college. Please see the section on "Satisfactory Academic Progress" in this catalog.

Students may request readmission after demonstrating that they have acquired the necessary math or language (writing) skills by passing the appropriate placement exams or by successfully completing transferable math or language (writing) courses at another institution.

#### **Required Distributions**

The objectives of the General Education Program are also met through a series of distribution courses in the areas of humanities, science and technology, oral communication, and hemispheric and global diversity. Students normally complete distribution requirements by the end of their junior year. Students must select courses from the following list in order to fulfill the distribution requirement:

#### **History (select one) 3 hours**

HIST 2050 The American Experience  
HIST 2100 Roots of Western Society

#### **Arts (select one) 3 hours**

ARTS 2300 Art and Society  
ARTS 2400 The Theatre Arts  
ARTS 2500 Music Through History  
ARTS 2540 Introduction to Film Criticism

#### **Literature (select one) 3 hours**

LITR 2010 British Literature  
LITR 2020 American Literature  
LITR 2030 World Literature

#### **Science and Technology (select two) 6 hours**

TECH 1110 Technology in the Information Age  
BIOL 1060 Amoebas to Zebras  
BIOL 1070 Basics of Human Heredity  
BIOL 1080 Human Biology  
BIOL 1090 Age of Dinosaurs  
BIOL 1100 Concepts and Connections in Biology  
BIOL 1500 Biology I/Lab  
BIOL 1510 Biology II/Lab  
BIOL 2220 Marine Biology  
PHYS 1020 Concepts in Physical Science  
PHYS 1060 Introduction to Oceanography  
PHYS 2050 Physical Geology/Lab  
PHYS 2150 Historical Geology/Lab  
PHYS 2160 Essentials of Earth and Space Science  
CHEM 1040 Chemistry and Society  
CHEM 1100 Fundamentals of Chemistry  
CHEM 2300 General Chemistry I/Lab  
CHEM 2310 General Chemistry II/Lab  
PHYS 2350 Applied Physics I/Lab  
PHYS 2360 Applied Physics II/Lab  
OCES 2500 Introductory Oceanography/Lab

**Oral Communication (select one) 3 hours**

LANG 2010 Public Communications

LANG 2020 Theories of Argument and Debate

LANG 2030 Dramatic Interpretation

**Hemispheric and Global Diversity (select one) 3 hours**

HIST 2130 The Formation of Latin America

HIST 2140 Modern Latin America

HIST 2160 African Studies

HIST 2250 The Pacific Rim

LACS 4850 Preparation for Field Studies

SOCL 2500 Global Diversities: Issues and Perspectives

**MAJORS**

In addition to the General Education Program, students study and work in major fields that prepare them to enter careers or continue formal education in either graduate or professional school. Although many students who enroll at NSU already have selected a major course of study and established career goals, some enter the undergraduate program without having decided on a major. In most instances, the majors are flexible enough to permit students to experience a number of diverse areas before choosing a particular course of study. The following majors are available to students in the College of Professional and Liberal Studies:

- Accounting
- Administrative Studies
- Business Administration
- Computer Information Systems
- Computer Science
- Early Childhood Education
- Elementary Education
- Environmental Science/Studies (available fall 2000)
- Exceptional Education
- Hospitality Management
- Humanities
- Legal Assistant Studies
- Legal Studies
- Life Sciences (premedical)
- Middle School Science Education
- Ocean Studies
- Science and the Business Environment
- Science and the Law
- Sport and Wellness Studies

## BEHAVIORAL SCIENCES

The bachelor of science degree is offered through the Department of Behavioral Sciences with the following majors:

**Legal Assistant Studies**  
**Psychology**

### LEGAL ASSISTANT STUDIES MAJOR

The legal assistant studies major is approved by the American Bar Association, which has defined a legal assistant or paralegal as “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 Legal Assistant Studies major provides academic and practical training for students who wish to pursue this growing career. The major is also recommended for students who are pursuing business, teaching, other law-related careers, and for those who desire to understand our legal system and enhance their legal knowledge and skills.

#### PROGRAM OBJECTIVES

The objectives of the Legal Assistant Studies Program are to:

- ❑ provide students with a broad-based education in both liberal arts and legal assistant studies
- ❑ provide legal assistant courses that enable students to obtain substantive legal knowledge; to develop analytical skills; and to apply the knowledge they have learned to tasks routinely performed by legal assistants
- ❑ to be responsive in course offerings to the needs of legal assistants and attorneys
- ❑ to ensure that students are familiar with the ethical guidelines for legal assistants
- ❑ to provide students with the opportunity to take computer courses with software that is used in most offices dealing with law-related issues
- ❑ to familiarize students with the legal assistant profession and the opportunities that are available to them upon completion of the program

#### LEARNING OUTCOMES

A successful legal assistant studies graduate is expected to:

- ❑ 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
- ❑ use critical-thinking skills to analyze and evaluate relevant facts and supporting material
- ❑ use communication and interpersonal skills to effectively interact with clients, attorneys, judges, court personnel, and coworkers
- ❑ categorize, organize, prioritize, and evaluate complex factual and legal issues
- ❑ use legal-research skills to research and find statutes, cases, and other primary source material, and to draft legal documents

## LEGAL ASSISTANT STUDIES REQUIRED DISTRIBUTIONS

### General Education Requirements 36

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
Science and Technology Menu	3

### PROGRAM REQUIREMENTS 18

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
LITR	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### MAJOR REQUIREMENTS 42

LEGS 1150 Introduction to Law and the Legal Profession	3
LEGS 2210 Computer Applications for the Legal Profession	3
LEGS 2400 Business Relations and Organizations	3
LEGS 3050 Criminal Law and Procedure	3
LEGS 3100 Legal Research and Writing I	3
LEGS 3260 Real Estate Practice I	3
LEGS 3300 Torts and Civil Litigation	3
LEGS 3360 Wills, Trusts, and Estates I	3
LEGS 3550 Family Law	3
LEGS 4110 Legal Research and Writing II	3
LEGS 4270 Real Estate Practice II	3
LEGS 4310 Advanced Litigation	3
LEGS 4370 Wills, Trusts, and Estates II	3
LEGS 4410 Corporate Regulation and Change	3

### MAJOR ELECTIVES 9

<i>(choose three courses)</i>	
LEGS 4060 Debtor and Creditor Relations	3
LEGS 4470 Emerging Technologies and the Legal Profession	3
LEGS 4510 Special Topics	3
LEGS 4560 Elder Law	3
INTN 3820 Internship I in Legal Assistant Studies	3
INTN 3920 Internship II in Legal Assistant Studies	3
COOP 3820 Cooperative Education I in Legal Assistant Studies	3
COOP 3920 Cooperative Education II in Legal Assistant Studies	3

### OPEN ELECTIVES 15

### TOTAL DEGREE REQUIREMENTS 120

### 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.

## LEARNING OUTCOMES

A successful psychology graduate is expected to:

1. Demonstrate knowledge of basic theories and associated principles that contribute to the knowledge base of psychology. These theories and associated principles fall into the areas of:

- personality
- human development
- learning
- cognition
- group process and social influence
- biological influences on human functioning
- abnormal behavior and its treatment

2. Recognize and explain the scientific methods used to generate information in the field

3. Locate information in the field and critically evaluate this information

4. Apply basic theories and principles to significant areas of human activities

5. Conduct original research work and/or beginning-level human service work

Students planning to work in the mental health field are encouraged to take Abnormal Psychology, a counseling course, Behavior Modification, Tests and Measurements, and at least one substance abuse studies course. Students who plan to take the GRE and/or plan to enter a doctoral program should take Experimental Psychology, Tests and Measurements, History and Theories of 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 Masters of 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. Departmental advisors will help students design individual courses of study that will help them meet their career goals.

## PSYCHOLOGY REQUIRED DISTRIBUTIONS

### General Education Requirements

36

#### English Composition

LANG 1500 College Writing I 3

LANG 2000 College Writing II 3

#### Mathematics

MATH 1100 Topics in Mathematics 3

MATH 3020 Applied Statistics 3

#### Core Studies

CORE 1410 Journey I 3

CORE 1420 Human Nature, Human Behavior 3

CORE 1430 The Living Earth 3

CORE 1440 Other Voices, Other Visions 3

CORE 2450 Individual and Social Systems 3

#### OR

CORE 2460 Economic Transformations and Society 3

### General Distribution Electives

ARTS 3

HIST 3

Science and Technology Menu 3

## PROGRAM REQUIREMENTS

18

CORE 3470 Ethical Systems 3

CORE 4480 Journey II: The Capstone Experience 3

LITR 3

TECH 1110 Technology in the Information Age 3

Hemispheric and Global Diversity Menu 3

Oral Communication Menu 3

## MAJOR REQUIREMENTS

15

PSYC 1020 Introduction to Psychology 3

PSYC 3000 Research Methods 3

PSYC 3110 Interpersonal Communication 3

PSYC 4800 Research Practicum

#### OR

PSYC 4810 Practicum in Community Psychology 3

PSYC 4840 Advanced Practicum

#### OR

PSYC 4880 Senior Seminar 3

## FOUNDATION COURSES

12

Select at least four courses from the following foundation courses:

PSYC 2350 Human Life Span Development 3

PSYC 3160 Issues in Social Psychology 3

PSYC 3210 Personality 3

PSYC 3510 Human Learning and Cognition 3

PSYC 4600 Biological Basis of Behavior 3

## PSYCHOLOGY OPEN ELECTIVE COURSES

12

Select at least four psychology (PSYC) courses after consulting an adviser. These may be additional foundation courses or specialty courses. The specialty courses are listed below:

PSYC 1640 Current Perspectives in Substance Abuse 3

PSYC 2110 Human Sexuality 3

PSYC 2130 Family Relationship Skills 3

PSYC 2390 Adulthood and Aging 3

PSYC 2450 Forensic Psychology 3

PSYC 2460 Health Psychology 3

PSYC 2470 Loss, Grief, and Bereavement 3

PSYC 2500 Psychology of Leadership 3

PSYC 3030 Experimental Psychology 3

PSYC 3070 Stress Management 3

PSYC 3260 Abnormal Psychology 3

PSYC 3300 Behavior Modification 3

PSYC 3360 Psychology of Women 3

PSYC 3450 Interviewing 3

PSYC 3500 Community Psychology 3

PSYC 3550 Substance Abuse and the Family 3

PSYC 3570 The Psychology and Physiology of Substance Abuse 3

PSYC 3580 Rehabilitation Strategies for Substance Abuse 3

PSYC 3600 Criminal Justice and Substance Abuse 3

PSYC 3620 Drug Prevention and Education 3

PSYC 3630 Ethical and Professional Development in Substance Abuse 3

PSYC 3710 History and Theories of Psychology 3

PSYC 3760 Multicultural Issues in Psychology 3

PSYC 3800 Current Psychotherapies 3

PSYC 4050 Psychological Tests and Measurements 3

PSYC 4150 Group Counseling 3

PSYC 4830 Practicum in Substance Abuse Treatment 3

**OPEN ELECTIVES** 27

**TOTAL DEGREE REQUIREMENTS** 120

## MINORS IN BEHAVIORAL SCIENCES

### Criminal Justice Minor

The 18-credit-hour 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.

All students minoring in criminal justice take the following required classes:

CRJU 2200 Criminal Law and Procedure  
CRJU 2300 Introduction to Law Enforcement  
CRJU 3000 The Criminal Justice System  
CRJU 3200 Correctional Theory and Practice

12 credit hours

Students select two of the following three classes:

PSYC 2450 Forensic Psychology  
PSYC 3600 Criminal Justice and Substance Abuse  
PSYC 3760 Multicultural Issues in Psychology

6 credit hours

18 total credit hours

*Students should be aware that some minor courses are offered only in the evening or on weekends.*

### 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 relating to working as a mental health professional; legal standards relating to testifying as an expert witness; methods of forensic evaluation; strategies for testifying as an expert; methods of profiling serial killers; 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.

To earn a minor in forensic psychology, students must complete PSYC 2450: Forensic Psychology, and at least five of the following courses:

ADRB 2000 Introduction to Dispute Resolution  
PSYC 2800 Introductory Practicum  
PSYC 3260 Abnormal Psychology  
PSYC 3600 Criminal Justice and Substance Abuse  
PSYC 4810 Practicum in Community Psychology

(NOTE: only forensic sites qualify)

CRJU 2200/LEGS 3050 Criminal Law and Procedure

CRJU 3000 The Criminal Justice System

OR

CRJU 3200 Correctional Practice and Theory

18 total credit hours

*Students should be aware that some minor courses are offered only in the evening or on weekends.*

### Legal Assistant Studies Minor

The legal assistant studies minor is appropriate for students pursuing legal assistant or other law-related careers or businesses and for others who desire to understand the U.S. legal system and enhance their legal knowledge and skills.

All students minoring in legal assistant studies take the following required classes:

LEGS 1150 Introduction to Law and the Legal Profession  
LEGS 2210 Computer Applications for the Legal Profession  
LEGS 2400 Business Relations and Organizations  
LEGS 3050 Criminal Law and Procedure  
LEGS 3100 Legal Research and Writing I  
LEGS 3300 Torts and Civil Litigation

18 credit hours

Students select two of the following three classes:

LEGS 3260 Real Estate Practice I  
LEGS 3360 Wills, Trusts, and Estates I  
LEGS 3550 Family Law

6 credit hours

24 total credit hours

*Students should be aware that some minor courses are offered only in the evening or on weekends.*

### Psychology Minor

The 18-credit-hour minor in psychology 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.

All students minoring in psychology take the following required classes:

PSYC 1020 Introduction to Psychology  
PSYC 3110 Interpersonal Communication

6 credit hours

Students select at least two of the following six classes:

PSYC 2350 Life Span Development  
PSYC 3000 Psychological Research Methods  
PSYC 3160 Issues in Social Psychology  
PSYC 3210 Personality  
PSYC 3510 Human Learning and Cognition  
PSYC 4600 Biological Bases of Behavior

6 credit hours

With assistance from an academic advisor or faculty mentor, students select two psychology elective courses (these can include additional classes from the list above):

6 credit hours

18 total credit hours

*Note: At least three of the six psychology classes must be 3000- or 4000-level courses.*

### Speech-Language Pathology Minor

The 18-credit-hour minor in speech-language provides students with a basic understanding of communication sciences and disorders. All students minoring in speech-language pathology take the following required three-credit classes:

CSAD 2000 Introduction to Hearing, Speech, and Language  
 CSAD 3010 Phonetics  
 CSAD 3020 Anatomy and Physiology of Speech and Hearing Mechanism  
 CSAD 3030 Speech and Language Development  
 CSAD 3040 Neuroanatomy  
 CSAD 3050 Hearing and Speech Science  
*Students should be aware that some minor courses are offered only in the evening or on weekends.*

### Substance Abuse Studies Minor

This 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 any students who feel that the knowledge base provided in this program will be useful to them in their careers (management, teaching, etc.)

The substance abuse studies minor includes six core and two counseling courses:

PSYC/EDUC 3620 Drug Prevention and Education  
 PSYC/SOCL 3550 Substance Abuse and the Family  
 PSYC 3600 Criminal Justice and Substance Abuse  
 PSYC 3570 Psychology and Physiology of Substance Abuse  
 PSYC 3580 Rehabilitation Strategies in Substance Abuse Treatment  
 PSYC 3630 Ethical and Professional Development in Substance Abuse  
 PSYC 3800 Current Psychotherapies  
 PSYC 4150 Group Counseling  
 PSYC 4830 Practicum in Substance Abuse and Treatment \*\*

\*\* optional

*Students should be aware that some minor courses are offered only in the evening or on weekends.*

## CERTIFICATE PROGRAMS IN BEHAVIORAL SCIENCES

### Legal Assistant Studies Certificate Program

The legal assistant studies certificate is a postbaccalaureate program for those who have an interest in pursuing legal assistant or other law-related careers. It also is appropriate for those pursuing a business career and for others who desire to understand the U.S. legal system and enhance their legal knowledge and skills.

Students take the following required courses:

LEGS 1150 Introduction to Law and the Legal Profession  
 LEGS 2210 Computer Applications for the Legal Profession\*  
 LEGS 2400 Business Relations and Organizations  
 LEGS 3050 Criminal Law and Procedure  
 LEGS 3100 Legal Research and Writing I  
 LEGS 3300 Torts and Civil Litigation

18 credit hours

Students select two of the following three classes:

LEGS 3260 Real Estate Practice I  
 LEGS 3360 Wills, Trusts, and Estates I  
 LEGS 3550 Family Law

6 credit hours

24 total credit hours

*Students should be aware that some courses are offered only in the evening or on weekends.*

*\*This course requires computer literacy. TECH 1110 Technology in the Information Age is a prerequisite for those entering the certificate program without a college-level computer course.*

### Substance Abuse Studies Certificate Program

NSU is listed as a single-source provider by the Certification Board

for Addictions Professionals in Florida (CBAPF). The certificate program in substance abuse studies prepares students for certification from the Certification Board for Addiction Professionals SS #02. The program is designed so interested applicants will be able to pursue certification without interrupting their present careers.

The CBAPF has three specialty areas for certification: Certified Addictions Professional (CAP), Criminal Justice Addiction Professional (JAP), and Certified Addiction Prevention Professional (CAAP). NSU is the only single-source provider in Florida that offers classes in all three specialty areas.

The substance abuse studies certificate includes six core and two counseling courses:

PSYC/EDUC 3620 Drug Prevention and Education  
 PSYC/SOCL 3550 Substance Abuse and the Family  
 PSYC 3600 Criminal Justice and Substance Abuse  
 PSYC 3570 Psychology and Physiology of Substance Abuse  
 PSYC 3580 Rehabilitation Strategies in Substance Abuse Treatment  
 PSYC 3630 Ethical and Professional Development in Substance Abuse  
 PSYC 3800 Current Psychotherapies  
 PSYC 4150 Group Counseling  
 PSYC 4830 Practicum in Substance Abuse and Treatment \*\*

\*\* optional

*Students should be aware that these courses are offered only in the evening or on weekends.*

## BUSINESS AND ADMINISTRATIVE STUDIES

The bachelor of science degree is offered through the Department of Business and Administrative Studies with the following majors:

**Accounting**  
**Administrative Studies**  
**Business Administration**  
**Hospitality Management**  
**Sport and Wellness**

### LEARNING OUTCOMES

A successful graduate of the Department of Business and Administrative Studies is expected to:

- think critically in terms of conceptualizing issues, analyzing data, and articulating and defending conclusions
- demonstrate professional verbal and written communication skills in an organizational context
- demonstrate an ability to formulate organizational strategies
- recognize the value of, and demonstrate an ability to make, ethical and socially responsible decisions
- demonstrate an understanding of the impact of emerging technologies and use them appropriately to gather, process, and present information
- demonstrate an understanding of the legal and regulatory issues in an organizational context
- use quantitative skills effectively to solve applied business problems
- use interpersonal skills effectively at the individual, group, and organizational levels
- demonstrate an understanding of the interaction between business and the global economy
- demonstrate an understanding of increasingly diverse organizational, national, and international cultures



## ETHICS ACROSS THE CURRICULUM POLICY

The business and administrative studies faculty believes that a socially responsible institution should not limit the study of ethical issues only to several courses, 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 our academic programs. They believe that by incorporating the study of ethics throughout the curriculum, students will find an additional relevance and reality to their studies, and that it will help them to become more responsible and productive citizens, as well as exemplary alumni of NSU.

### 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. NSU offers a master's degree designed to satisfy the additional CPA requirements. Additionally, a student may transfer in only 50 percent of major or accounting prefix courses.

Students are cautioned to plan their schedule carefully since upper-division accounting courses are offered only once per year and may be offered only in the evening.

### ACCOUNTING REQUIRED DISTRIBUTIONS

#### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
General Distribution Electives	
ARTS	3
HIST	3
LITR	3

#### PROGRAM REQUIREMENTS **18**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
Science and Technology Menu	3

#### MAJOR REQUIREMENTS **66**

ACCT 2100 Managerial Accounting	3
ACCT 2200 Financial Accounting I	3
ACCT 3030 Product and Service Costing	3
ACCT 3050 Financial Accounting II	3
ACCT 3060 Financial Accounting III	3

ACCT 3110 Federal Taxation I	3
ACCT 3120 Federal Taxation II	3
ACCT 4010 Financial Accounting IV	3
ACCT 4050 Accounting Information Systems	3
ACCT 4210 Auditing	3
BUSS 2150 Business Law I	3
BUSS 3550 Introduction to International Business	3
BUSS 4090 Quantitative Methods	3
BUSS 4880 Business Strategy and Policy	3
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
FINC 3010 Corporation Finance	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3
TECH 2130 Business Applications of Microcomputers	3
Business Electives (Electives in business are limited to courses with an ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.)	6
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### ADMINISTRATIVE STUDIES MAJOR

The administrative studies major is offered for students who plan to have careers as management practitioners and who need a general degree to prepare for a wide range of career opportunities. It is also appropriate for students who are transferring large blocks of credit from other disciplines.

### ADMINISTRATIVE STUDIES REQUIRED DISTRIBUTIONS

#### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

#### PROGRAM REQUIREMENTS **18**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
Science and Technology Menu	3

#### MAJOR REQUIREMENTS **42**

ACCT 2100 Managerial Accounting	3
BUSS 1010 Introduction to Business	3
BUSS 2150 Business Law I	3
BUSS 3550 Introduction to International Business	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
FINC 3010 Corporation Finance	3
MGMT 2050 Principles of Management	3

MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3
Business Electives (Electives in business are limited to courses with an ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.)	6
<b>OPEN ELECTIVES</b>	<b>24</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### BUSINESS ADMINISTRATION MAJOR

The business administration major is offered for students who intend to enter the business field or plan to attend graduate school with a strong academic base for study in business, computer science, law, and other related fields.

#### BUSINESS ADMINISTRATION REQUIRED DISTRIBUTIONS

##### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3

**OR**

CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

##### PROGRAM REQUIREMENTS **18**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
Science and Technology Menu	3

##### MAJOR REQUIREMENTS **51**

ACCT 2100 Managerial Accounting	3
ACCT 2200 Financial Accounting I	3
BUSS 1010 Introduction to Business	3
BUSS 2150 Business Law I	3
BUSS 3550 Introduction to International Business	3
BUSS 4090 Quantitative Methods	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
FINC 3010 Corporation Finance	3
MGMT 2050 Principles of Management	3
MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3
TECH 2130 Business Applications of Microcomputers	3
Business Electives (Electives in business are limited to courses with an ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.)	3

##### OPEN ELECTIVES **15**

##### TOTAL DEGREE REQUIREMENTS **120**

### HOSPITALITY MANAGEMENT MAJOR

The hospitality management major is appropriate for students pursuing careers in the hospitality, travel, and tourism industries.

#### HOSPITALITY MANAGEMENT REQUIRED DISTRIBUTIONS

##### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3

**OR**

CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

##### PROGRAM REQUIREMENTS **18**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
Science and Technology Menu	3

##### MAJOR REQUIREMENTS **51**

ACCT 2100 Managerial Accounting	3
BUSS 2150 Business Law I	3
<b>OR</b>	
HMG 3060 Hospitality and Business Law	3
BUSS 4610 Business Research Methods	3
<b>OR</b>	
HMG 3520 Applied Research and Market Development	3
BUSS 4880 Business Strategy and Policy	3
HMG 3130 Hospitality Human Resource Development	3
HMG 3300 Food and Beverage Operations	3
HMG 3820 The Tourism System	3
HMG 3500 International Operations Management	3
HMG 4020 Ethics in Hospitality Management	3

**OR**

BUSS 4100 Business Ethics	3
HMG 3600 Hospitality, Tourism, Sport, and Entertainment Law	3
ECON 2010 Principles of Macroeconomics	3
FINC 3010 Corporation Finance	3
MGMT 2050 Principles of Management	3
MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3
Business Electives (Electives in business are limited to courses with an ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.)	3

##### OPEN ELECTIVES **15**

##### TOTAL DEGREE REQUIREMENTS **120**

### SPORT AND WELLNESS STUDIES MAJOR

The sport and wellness studies major prepares students to pursue careers in school and community-based programs, professional sports, and commercial and agency-based programs.

**SPORT AND WELLNESS STUDIES  
REQUIRED DISTRIBUTIONS**

**SPORTS MANAGEMENT SPECIALTY**

**General Education Requirements**

**36**

*English Composition*

LANG 1500 College Writing I 3  
LANG 2000 College Writing II 3

*Mathematics*

MATH 1100 Topics in Mathematics I 3  
MATH 3020 Applied Statistics 3

*Core Studies*

CORE 1410 Journey I 3  
CORE 1420 Human Nature, Human Behavior 3  
CORE 1430 The Living Earth 3  
CORE 1440 Other Voices, Other Visions 3  
CORE 2450 Individual and Social Systems 3

**OR**

CORE 2460 Economic Transformations and Society 3  
*General Distribution Electives*  
ARTS 3  
HIST 3  
LITR 3

**Program Requirements**

**18**

CORE 3470 Ethical Systems 3  
CORE 4480 Journey II: The Capstone Experience 3  
TECH 1110 Technology in the Information Age 3  
Hemispheric and Global Diversity Menu 3  
Oral Communication Menu 3  
Science and Technology Menu 3

**Core Requirements**

**15**

SPWS 1200 Sport and Wellness Management 3  
SPWS 2200 Historical Perspectives in Sport and Wellness 3  
SPWS 3100 Legal Aspects of Sport and Wellness 3  
SPWS 4200 Sport and Wellness in Our Social Institutions 3  
SPWS 4300 Sport, Wellness, and Diversity 3

**Specialty Requirements**

**39**

ACCT 2100 Managerial Accounting 3  
BUSS 1010 Introduction to Business 3  
ECON 2010 Principles of Macroeconomics 3  
MGMT 2050 Principles of Management 3  
MRKT 3050 Marketing Principles and Applications 3  
SPWS 3300 Facility and Event Management 3  
SPWS 3400 Financing and Fund-Raising in Sport Management 3  
SPWS 4400 Sport and Wellness Administration 3  
SPWS 4500 Sport Marketing 3  
SPWS 4600 Adv. Info. Tech. in SR and E 3  
SPWS 4800 Practicum/Field Experience I 3  
SPWS 4900 Practicum/Field Experience II 3  
Business Electives (Electives in business are limited to courses with an ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.) 3

**OPEN ELECTIVES**

**12**

**TOTAL DEGREE REQUIREMENTS 120**

**LIFE SCIENCE SPECIALTY**

**General Education Requirements**

**36**

*English Composition*

LANG 1500 College Writing I 3  
LANG 2000 College Writing II 3

*Mathematics*

MATH 1250 Trigonometry 3  
MATH 3020 Applied Statistics 3

*Core Studies*

CORE 1410 Journey I 3  
CORE 1420 Human Nature, Human Behavior 3  
CORE 1430 The Living Earth 3

CORE 1440 Other Voices, Other Visions 3  
CORE 2450 Individual and Social Systems 3

**OR**

CORE 2460 Economic Transformations and Society 3  
*General Distribution Electives*  
ARTS 3  
HIST 3  
LITR 3

**Program Requirements**

**19**

BIOL 1500 Biology I/Lab 4  
CORE 3470 Ethical Systems 3  
CORE 4480 Journey II: The Capstone Experience 3  
TECH 1110 Technology in the Information Age 3  
Hemispheric and Global Diversity Menu 3  
Oral Communication Menu 3

**Core Requirements**

**15**

SPWS 1200 Sport and Wellness Management 3  
SPWS 2200 Historical Perspectives in Sport and Wellness 3  
SPWS 3100 Legal Aspects of Sport and Wellness 3  
SPWS 4200 Sport and Wellness in Our Social Institutions 3  
SPWS 4300 Sport, Wellness, and Diversity 3

**Specialty Requirements**

**43**

BIOL 1510 Biology II/Lab 4  
BIOL 3310 Vertebrate Structure and Function II/Lab 5  
BIOL 3700 Kinesiology 3  
BIOL 3710 Exercise Physiology 3  
CHEM 2300 General Chemistry I/Lab 4  
CHEM 2310 General Chemistry II/Lab 4  
PHYS 2350 General Physics I/Lab 4  
PHYS 2360 General Physics II/Lab 4  
PSYC 2350 Life Span Development 3  
PSYC 3210 Personality 3  
PSYC 3260 Abnormal Psychology 3  
SOCL/GEOG/ECON/POLS 3

**OPEN ELECTIVES**

**7-9**

**TOTAL DEGREE REQUIREMENTS 120-122**

**PSYCHOLOGY/SCIENCE SPECIALTY**

**General Education Requirements**

**36**

*English Composition*

LANG 1500 College Writing I 3  
LANG 2000 College Writing II 3

*Mathematics*

MATH 1250 Trigonometry 3  
MATH 3020 Applied Statistics 3

*Core Studies*

CORE 1410 Journey I 3  
CORE 1420 Human Nature, Human Behavior 3  
CORE 1430 The Living Earth 3  
CORE 1440 Other Voices, Other Visions 3  
CORE 2450 Individual and Social Systems 3

**OR**

CORE 2460 Economic Transformations and Society 3  
*General Distribution Electives*  
ARTS 3  
HIST 3  
LITR 3

**Program Requirements**

**19**

CORE 3470 Ethical Systems 3  
CORE 4480 Journey II: The Capstone Experience 3  
TECH 1110 Technology in the Information Age 3  
Hemispheric and Global Diversity Menu 3  
Oral Communication Menu 3  
BIOL 1500 Biology I/Lab 4

<b>Core Requirements</b>	<b>15</b>
SPWS 1200 Sport and Wellness Management	3
SPWS 2200 Historical Perspectives in Sport and Wellness	3
SPWS 3100 Legal Aspects of Sport and Wellness	3
SPWS 4200 Sport and Wellness in Our Social Institutions	3
SPWS 4300 Sport, Wellness, and Diversity	3
<b>Specialty Requirements</b>	<b>34</b>
BIOL 1510 Biology II/Lab	4
BIOL 3310 Vertebrate Structure and Function II/Lab	5
BIOL 3700 Kinesiology	3
BIOL 3710 Exercise Physiology	3
PHYS 2350 General Physics I/Lab	4
PSYC 2350 Life Span Development	3
PSYC 3210 Personality	3
PSYC 3260 Abnormal Psychology	3
PSYC/BIOL Elective	3
SOCL/GEOG/ECON/POLS Elective	3
<b>OPEN ELECTIVES</b>	<b>16-18</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120-122</b>

## COMPUTER AND INFORMATION SCIENCES

The bachelor of science degree is offered through the School of Computer and Information Sciences in the following areas:

**Computer Information Systems**  
**Computer Science**

### LEARNING OUTCOMES

A successful graduate of the Department of Computer and Information Sciences is expected to:

- demonstrate understanding of the field of computing, both as an academic discipline and as a profession within the context of society
- demonstrate understanding of the body of theory that underlies the field of computing
- demonstrate knowledge of the essential elements of computer science
- apply knowledge of computing to specific problems and produce solutions
- demonstrate an appreciation for the ethical and societal issues associated with the computing field
- demonstrate the capability for staying current and, more generally, for achieving ongoing self-education in the computing discipline
- use current programming languages, software development tools, software systems, and commonplace computing platforms

### COMPUTER INFORMATION SYSTEMS MAJOR

The computer information systems major prepares the student for a career in business applications as a programmer/analyst, systems analyst, or information center specialist. Emphasis is placed on programming languages, data structures, distributed data processing, software engineering, database management, and information systems organization. The computer information systems major is consistent with combined recommendations of a model information systems curriculum outlined by the Association for Computing Machinery and the Data Processing Management Association.

*NOTE: Students should be aware that all major courses are offered only in the evening. A grade of C- or better is required in all program and major requirements.*

<b>COMPUTER INFORMATION SYSTEMS</b>	
<b>REQUIRED DISTRIBUTIONS</b>	
<b>General Education Requirements</b>	<b>36</b>
<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
ARTS	3
HIST	3
LITR	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

<b>PROGRAM REQUIREMENTS</b>	<b>15</b>
<i>Core Studies</i>	
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>Math, Science, and Technology</i>	
MATH 1250 Trigonometry	3
MATH 3020 Applied Statistics	3
TECH 1110 Technology in the Information Age	3

<b>MAJOR REQUIREMENTS</b>	<b>67</b>
CSIS 1400 Discrete Mathematics	3
CSIS 1600 Logic Design	3
CSIS 1900 Computer Programming I	4
CSIS 2200 Business Oriented Language (COBOL)	4
CSIS 2410 Assemblers and Assembly Language Programming	4
CSIS 2950 Computer Programming II	4
CSIS 3010 Organization of the Computer Environment	3
CSIS 3250 Networks and Data Communication	3
CSIS 3400 Data Structures	4
CSIS 3750 Software Engineering	4
CSIS 4310 Distributed Data Processing	4
CSIS 4530 Database Management	3
CSIS Electives (3000 level or above)	15
Other Electives (limited to ACCT, BUSS, ECON, FINC, MGMT, MRKT)	9
<b>OPEN ELECTIVE</b>	<b>3</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>121</b>

### COMPUTER SCIENCE MAJOR

The computer science major includes the systematic study of algorithms and data structures. The curriculum is consistent with the Association for Computing Machinery recommendations for model curriculums in computer science. The curriculum integrates theory, abstraction, and design to bridge the gap between hardware and software issues. The computer science major encompasses software engineering, systems design, analysis of algorithms, and computer architecture. This concentration requires specific prerequisites and corequisites in mathematics, including discrete mathematics, differential and integral calculus, and probability and statistics.

*NOTE: Students should be aware that all major courses are offered only in the evening. A grade of C- or better is required in all program and major requirements.*

## COMPUTER SCIENCE REQUIRED DISTRIBUTIONS

### General Education Requirements 36

#### English Composition

LANG 1500 College Writing I 3

LANG 2000 College Writing II 3

#### Core Studies

CORE 1410 Journey I 3

CORE 1420 Human Nature, Human Behavior 3

CORE 1430 The Living Earth 3

CORE 1440 Other Voices, Other Visions 3

CORE 2450 Individual and Social Systems 3

#### OR

CORE 2460 Economic Transformations and Society 3

ARTS 3

HIST 3

LITR 3

Hemispheric and Global Diversity Menu 3

Oral Communication Menu 3

### PROGRAM REQUIREMENTS 22

#### Core Studies

CORE 3470 Ethical Systems 3

CORE 4480 Journey II: The Capstone Experience 3

#### Math, Science, and Technology

MATH 2100 Calculus I 4

MATH 2200 Calculus II 4

PHYS 2400 Physics I with Lab 4

PHYS 2500 Physics II with Lab 4

### MAJOR REQUIREMENTS 64

CSIS 1400 Discrete Mathematics 3

CSIS 1600 Logic Design 3

CSIS 1900 Computer Programming I 4

CSIS 2410 Assemblers and Assembly Language Programming 4

CSIS 2950 Computer Programming II 4

CSIS 3110 Foundations of Computer Science 4

CSIS 3250 Networks and Data Communication 3

CSIS 3400 Data Structures 4

CSIS 3530 Introduction to Artificial Intelligence 3

CSIS 3750 Software Engineering 4

CSIS 3810 Operating Systems Concepts 3

CSIS 4050 Computer Architecture 3

CSIS 4600 Systems Programming 4

CSIS 4610 Design and Analysis of Algorithms 3

CSIS Electives (3000 level or above) 15

**TOTAL DEGREE REQUIREMENTS 122**

## EDUCATION

The bachelor of science degree is offered through the Department of Education with the following major concentrations:

### Early Childhood Education

### Elementary Education

### Exceptional Education

### Middle School Science Education

### Secondary Education

### MISSION OF THE DEPARTMENT OF EDUCATION

All undergraduate teacher education programs at Nova Southeastern University (NSU) are proactive programs designed to address the current and future needs of classroom educators. It is the aim of the Undergraduate Department of Education to prepare its graduates to enter the teaching profession as developing professionals who are:

- sensitive to students' academic, social, and emotional needs
- knowledgeable about effective teaching practices and technologies
- responsive to the diverse needs of all students (particularly those of at-risk and special-needs learners)
- supportive of families and community involvement
- effective communicators
- thoughtful and reflective educators

Through specific course assignments and clinical field experiences in local schools and/or special settings and partnerships, all NSU undergraduate teacher education programs provide students multiple opportunities to develop mastery of the competencies identified by the Florida Department of Education for high-quality teacher education programs.

### MATRICULATION REQUIREMENTS FOR EDUCATION MAJORS

1. Students must comply with the admission requirements established by the Farquhar Center for the College of Professional and Liberal Studies. Upon admission, students then declare themselves as intended education majors.

2. Students must earn a grade of C- or better in LANG 1500 and MATH 1100 or their equivalents.

3. Students must earn a grade of C or better in the required course, EDUC 1100 Exploration of the Education Profession.

4. Students will be assessed on a written essay titled, "Why I Want to Enter the Teaching Profession," which must meet the standards of proficiency of college-level writing, including style, content, and usage.

5. Students must earn a cumulative GPA of 2.5 in the first 12 credits earned as a pre-education candidate in courses taken at Nova Southeastern University. EDUC 1100 Exploration of the Education Profession must be taken as part of the first 12 credits.

After completing the previously listed requirements, students may matriculate into the major after attempting 12 credits and must do so before accumulating 24 credits at Nova Southeastern University or be subject to departmental review.

Upon meeting the conditions of matriculation into the Undergraduate Department of Education, students will become education majors and will be notified by letter.

All matriculation appeals will be heard by the director of the Department of Education.

### BACKGROUND CHECK FOR CLINICAL FIELD EXPERIENCES

All education courses include clinical experiences conducted in the field (within local classroom placements). Prior to participation in these clinical experiences in the public school systems, students may be required to undergo fingerprinting and a security clearance (background check). The procedures can vary from county to county, therefore, students at site locations should obtain information from their local county school districts.

The Broward County Public School System has an established policy both for fingerprinting and initiating a security clearance.

Fingerprinting and the security clearance application must be completed before students can be placed in a classroom in Broward County public schools.

## INTERNSHIP

The Internship Experience is the final phase of the NSU Undergraduate Teacher Education Program. This 16-week course includes evening seminar meetings and 14 weeks teaching in a local school. Students will be placed in a school site by the internship coordinator. Students will gradually assume full responsibility for teaching the class to which they are assigned.

Education Internship Program EDUC 4570 (Internship/Seminar) is offered each academic year in the fall and winter terms. EDUC 4570 is a required nine-hour course for all education specialties and must be completed at NSU to earn the degree. Since it is the terminal course for the degree, it cannot be transferred in from another institution, nor can experience be substituted to satisfy this requirement.

### Internship Application

It is the student's responsibility to obtain, complete and return an initial application. The form is available in the department at least one month before it is due. See deadlines below:

<u>Anticipated Semester for Internship</u>	<u>Initial Application Deadline</u>
Fall semester	February 25
Winter semester	July 1

When the application is returned, the applicant's file is reviewed for completion of all requirements. The internship coordinator will send intern candidates a letter indicating their status (approved, conditional, denied). Accepted interns will receive additional paperwork called the Placement Application and will write their philosophy of education. This paperwork is returned to the internship coordinator, who then develops a final list of student interns for that semester. Students must also register for EDUC 4570, Internship/Seminar through the regular channels (as one would register for any credit hours).

Students are eligible for the internship if they have earned 108 of the required 120 credits, including the required methods courses; have successfully completed LANG and MATH requirements; have passed the SAT I with a minimum score of 950 (or 840 on tests taken prior to April 1, 1995) or the ACT with a minimum score of 20; have an overall GPA of 2.5; and have a minimum GPA of 2.5 in their major. Internship dates are published in the Farquhar Center class schedules.

The Florida Board of Education Administrative Rule 6A-4.002 allows some full-time administrative or teaching experience to be substituted for some course work but does not permit this experience in lieu of student teaching for purposes of initial certification. Substitute teaching or teacher assistant positions are not considered as full-time teaching and will not be approved in lieu of student teaching.

All questions about the Internship Program should be directed to the Department of Education. Main campus students call (954) 262-7936; all other students may call 800-338-4723, ext. 7936.

## CERTIFICATION

### Certification-Only Program

Appropriate courses are offered for students who already hold a bachelor's degree in fields other than education and who desire to obtain certification in early childhood education (prekindergarten-primary), elementary education (1-6), exceptional education (k-12), biological science (6-12), middle-school science (4-9), English (6-12), mathematics (6-12), or social studies (6-12).

### Certification Information

An individual seeking initial certification issued by the state of Florida may do so by means of either the Florida Department of Education Program Approval Process or by the Florida Department of Education Transcript Review Process.

The program approval process means that a student has met all of Nova Southeastern University's state-approved program competencies and the state of Florida's requirements for initial certification. Certification through the program approval process is only available to degree-seeking students and will be annotated as such on the student's transcript. In Florida, students graduating from the state-approved program and who have passed all portions of the FTCE are eligible for an initial professional certificate. Actual teacher certification is awarded by the Florida Department of Education, not Nova Southeastern University.

The transcript review process means that a student has followed a course/program sequence established by Nova Southeastern University that is consistent with the expectations of the Florida Department of Education, but the student has not met all of the requirements of the state-approved program. The transcript will not reflect the state-approved program insignia. When a candidate applies for certification, a reviewer at the Florida Department of Education will compare all course and state requirements with a student's transcripts for compatibility. Certification may be issued but is not assured. Actual teacher certification is awarded by the Florida Department of Education, not Nova Southeastern University.

Each state outside of Florida is responsible for the actual teacher certificate in that state. Requirements vary from state to state. Some states outside of Florida do not grant initial certification unless the transcript is annotated as having met the state-approved program, and applicants would not be certified until they complete that state's approved program.

The state Department of Education (DOE) reserves the right to change requirements leading to certification at any time.

### EARLY CHILDHOOD EDUCATION MAJOR

The early childhood 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 (pre-k through third grade settings). 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. These courses meet the stated requirements for Florida certification. At the time of the publication of this catalog, the Florida Department of Education is considering this sequence of courses for program approval status.

Course are designed to be taken in a specialized sequence. Contact an advisor for an explanation of required sequence of courses. Please note, the early childhood education major is offered only on the main campus.

### EARLY CHILDHOOD EDUCATION (PREKINDERGARTEN–PRIMARY) REQUIRED DISTRIBUTIONS

#### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
Science and Technology Menu	3

#### PROGRAM REQUIREMENTS **27**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
LITR	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
PSYC 2370 Early Childhood Growth and Development	3
SOCL 1130 Family Systems	3
EDUC 1100 Exploration of the Education Profession	3

#### MAJOR REQUIREMENTS **21**

EDEC 3201 Sociological Foundations of Early Childhood	3
EDEC 3203 Diagnosis/Assessment/Eval. of Young Children	3
EDEC 3301 Mgmt. Strategies for Typical and Atypical Children	3
EDEC 3304 Family and Community Involvement	3
EDEC 3302 Lang. and Dev. of Typical and Atypical Children	3
EDEC 3102 Child, Family, and Community Health Issues	3
EDEC 3500 Meeting the Special Needs of All Children	3

#### MAJOR SPECIALTY REQUIREMENTS **33**

<i>Age Three to Grade Three</i>	
EECP 4103 Active Learning	3
EECP 4104 Indoor/Outdoor Environments	3
EECP 4105 Practices and Delivery Systems of Early Childhood Prog.	3
EECP 4401 Mgmt. Strategies in Early Childhood of Typical and Atypical Children II	3

EECP 4402 Instructional Tech. in the Prekindergarten Classroom	3
EECP 4403 Discovery and Exploration of the Physical World Through Math and Science	3
EECP 4404 Soc. Stud. Integrated with Emergent Literacy in the Creative Arts	3
EDUC 4570 Internship/Seminar	9
<b>OPEN ELECTIVES</b>	<b>3</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### ELEMENTARY EDUCATION MAJOR

The elementary education major is designed to prepare students to teach in grades one through six. The Elementary Education Program will provide students with theoretical foundations; promote the integration of technology; and encompass a variety of clinical experiences. Through the clinical experiences, students translate research and theory into practice. Students enrolled in the Elementary Education Program are encouraged to recognize and appreciate the diversity of today's children, preparing our graduates to teach in our multicultural society. The courses in this state-approved program are designed to meet the requirements for certification in Florida as well as in other states.

### ELEMENTARY EDUCATION (GRADES 1–6) REQUIRED DISTRIBUTIONS

#### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
Science and Technology Menu	3

#### PROGRAM REQUIREMENTS **24**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
LITR	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
PSYC 2380 Child and Adolescent Development	3
EDUC 1100 Exploration of the Education Profession	3

## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS

Students in the State Approved Program in Elementary Education must also register for program benchmarks simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks of courses in the State Approved Program. At

these four benchmarks, students provide documentation showing completion of program requirements. For specific requirements of each benchmark, see the course descriptions for EDUC 3001, 3501, 4001, and 4501.

EDUC 3000: Clinical Experiences	EDUC 3001: Benchmark I
<i>First Eight Weeks</i>	
EDUC 3320: Sociological Foundations of Education	EDUC 3330: ESOL Strategies for Limited English Proficient Students
<i>Second Eight Weeks</i>	
EDUC 3340: Psychological Foundations of Teaching	EDUC 3350: Survey of Exceptional Student Education
EDUC 3500: Clinical Experiences	EDUC 3501: Benchmark II
<i>Third Eight Weeks</i>	
EDUC 3520: Principles and Practices of Instruction and Assessment: I	ELEM 3530: Science Curriculum for Elementary Education Majors
<i>Fourth Eight Weeks</i>	
EDUC 3540: Principles and Practices of Instruction and Assessment: II	ELEM 3550: Methods of Teaching Science in the Elementary School
EDUC 4000: Clinical Experiences	EDUC 4001: Benchmark III
<i>Fifth Eight Weeks</i>	
EDUC 4320: Integrating Instructional Technology in the Classroom	ELEM 4330: Mathematics Curriculum for Elementary Education Majors
<i>Sixth Eight Weeks</i>	
ELEM 4340: Methods of Teaching Language Arts in the Elementary School	ELEM 4350: Methods of Teaching Mathematics in the Elementary School
EDUC 4500: Clinical Experiences	EDUC 4501: Benchmark IV
<i>Seventh Eight Weeks</i>	
ELEM 4520: Methods of Teaching Literacy in the Elementary School	ELEM 4530: Methods of Teaching Art, Music, and Physical Activity in an Integrated Elementary Curriculum
<i>Eighth Eight Weeks</i>	
ELEM 4540: Reading Assessment I	ELEM 4550: Methods of Teaching Social Studies in the Elementary School
<i>Ninth Eight Weeks/Tenth Eight Weeks</i>	
EDUC 4560/ESED 4560: Classroom Management of Typical and Atypical Learners in the Multicultural Classroom	
EDUC 4570: Internship/Seminar	

### TOTAL DEGREE REQUIREMENTS 120

#### EXCEPTIONAL EDUCATION MAJOR

The exceptional education major is offered in the area of varying exceptionalities, K-12 (VE). The specialty in varying exceptionalities prepares students to obtain state certification for teaching in VE grades kindergarten through twelve (k-12). Teachers with this certification are able to teach mildly handicapped students with learning disabilities (LD), mental handicaps (MH), and/or emotional handicaps (EH) in classrooms designated to serve students in a varying exceptionalities setting. (Separate certification is required to teach students in classrooms designated solely for LD, MH, or EH students or in classrooms serving the severely handicapped. The VE specialty does not prepare students for this separate certification.)

#### EXCEPTIONAL EDUCATION/VARYING EXCEPTIONALITIES, K-12, REQUIRED DISTRIBUTIONS

##### General Education Requirements

*English Composition*

LANG 1500 College Writing I

LANG 2000 College Writing II

*Mathematics*

MATH 1100 Topics in Mathematics I

**36**

MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
Science and Technology Menu	3

#### PROGRAM REQUIREMENTS

**24**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
LITR	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
PSYC 2380 Child and Adolescent Development	3
EDUC 1100 Exploration of the Education Profession	3
<i>NOTE: Exceptional Education courses are designed to be taken in a specific sequence. Contact an advisor for an explanation of the required sequence of courses.</i>	



## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS

Students in the state-approved Exceptional Education Program must also register for program benchmarks simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks of courses in the approved program. At these four benchmarks,

students provide documentation showing completion of program requirements. For specific requirements of each benchmark, see the course descriptions for EDUC 3001, 3501, 4001, and 4501.

EDUC 3000: Clinical Experiences	EDUC 3001: Benchmark I
<b>First Eight Weeks</b>	
EDUC 3320: Sociological Foundations of Education	EDUC 3330: ESOL Strategies for Limited English Proficient Students
<b>Second Eight Weeks</b>	
EDUC 3340: Psychological Foundations of Teaching EDUC 3500: Clinical Experiences	EDUC 3350: Survey of Exceptional Student Education EDUC 3501: Benchmark II
<b>Third Eight Weeks</b>	
EDUC 3520: Principles and Practices of Instruction and Assessment: I	ELEM 3530: Science Curriculum for Elementary Education Majors
<b>Fourth Eight Weeks</b>	
ESED 3540: Introduction to Language Development and Speech Disabilities EDUC 4000: Clinical Experiences	ESED 3550: Vocational/Functional Life Skills EDUC 4001: Benchmark III
<b>Fifth Eight Weeks</b>	
EDUC 4320: Integrating Instructional Technology in the Classroom	ESED 4330: Education of the Mildly Handicapped
<b>Sixth Eight Weeks</b>	
ELEM 4340: Methods of Teaching Language Arts in the Elementary School EDUC 4500: Clinical Experiences	ELEM 4350: Methods of Teaching Mathematics in the Elementary School ELEM 4360: Educational Programming for the Emotionally Handicapped EDUC 4501: Benchmark IV
<b>Seventh Eight Weeks</b>	
ELEM 4520: Methods of Teaching Literacy in the Elementary School	ESED 4530: Classroom Procedures for Mentally Handicapped
<b>Eighth Eight Weeks</b>	
ELEM 4540: Reading Assessment I	ESED 4550: Methods and Materials for Teaching SLD Learners
<b>Ninth Eight Weeks/Tenth Eight Weeks</b>	
EDUC 4560/ESED 4560: Classroom Management for Typical and Atypical Learners in the Multicultural Classroom	
EDUC 4570: Internship/Seminar	

### TOTAL DEGREE REQUIREMENTS 123

#### MIDDLE SCHOOL SCIENCE EDUCATION MAJOR

*NOTE: Pending approval by the NSU Program Review Committee.*

The middle school science education major is designed to prepare students to teach science in grades four through nine. The courses presented in this degree program are a collaborative effort between the center's Department of Education; Department of Math, Science, and Technology; and community middle-school programs and personnel. Students will have educational experiences that provide theoretical foundations; promote the integration of science, technology, and society; and encompass a variety of clinical experiences in local school classroom settings. Through clinical experiences in the field, students will translate research and theory into practice.

Students enrolled in the middle school science education major will be encouraged to recognize and appreciate the diversity of today's school children, preparing our graduates to teach in this multicultural society. The courses in this state-approved program are designed to

meet the requirements for certification in Florida as well as eligibility for certification in other states.

#### MIDDLE SCHOOL SCIENCE EDUCATION (GRADES 4-9) REQUIRED DISTRIBUTIONS

General Education Requirements	36
<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3

HIST	3	LITR	3
Science and Technology Menu	3	TECH 1110 Technology in the Information Age	3
<b>PROGRAM REQUIREMENTS</b>	<b>21</b>	Hemispheric and Global Diversity Menu	3
CORE 3470 Ethical Systems	3	Oral Communication Menu	3
CORE 4480 Journey II: The Capstone Experience	3	EDUC 1100 Exploration of the Education Profession	3

## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS

Students in the state-approved Middle School Science Education Program must also register for program benchmarks simultaneously with courses in the program. There are three benchmarks, coinciding with three blocks of courses in the approved program.

At these three benchmarks, students provide documentation showing completion of program requirements. For specific requirements of each benchmark, see the course descriptions for EMDS 3001, 3350, and 4001.

EMDS 3000: Clinical Experiences	EMDS 3001: Benchmark I
<b>First Sixteen Weeks</b>	
PHYS 1020: Concepts in Physical Science PHYS 1021: Physical Science Lab PHYS 2160: Earth/Space Science PHYS 2161: Earth/Space Lab	
<b>First Eight Weeks</b>	<b>Second Eight Weeks</b>
EMDS 3320/EDUC 3320: Sociological Foundations of Education	EMDS 3330/EDUC 3330: ESOL Strategies for Limited English Proficient Students
<b>Second Sixteen Weeks</b>	
CHEM 1100: Fundamentals of Chemistry CHEM 1101: Chemistry Lab BIOL 1100: Concepts in Biology BIOL 1101: Biology Lab	
<b>Third Eight Weeks</b>	<b>Fourth Eight Weeks</b>
EMDS 3340/EDUC 3340: Psychological Foundations of Teaching	EMDS 3350/ESED 3350: Survey of Exceptional Student Education
EMDS 3500: Clinical Experiences	EMDS 3501: Benchmark II
<b>Third Sixteen Weeks</b>	
ENVS 1100: Environmental Science I ENVS 1101: Environmental Science I Lab EMDS 3530: Science Standards for Middle and Secondary School	
<b>Fifth Eight Weeks</b>	<b>Sixth Eight Weeks</b>
EMDS 3520: Principles and Practices for Middle and Secondary School	EMDS 3540: Reading and Study Skills for Middle and Secondary School
EMDS 4000: Clinical Experiences	EMDS 4001: Benchmark III
<b>Fourth Sixteen Weeks</b>	
ENVS 1200: Environmental Science II ENVS 1201: Environmental Science II Lab BIOL 3210: History of Science	
<b>Seventh Eight Weeks</b>	<b>Eighth Eight Weeks</b>
EMDS 4320/EDUC 4320: Integrating Instructional Technology in the Classroom	EMDS 4550: Methods of Teaching Middle and Secondary School Science
<b>Fifth Sixteen Weeks</b>	
EMDS 4500: Clinical Experiences EMDS 4501: Benchmark IV EMDS 4560: Classroom Management in Middle and Secondary Schools EMDS 4570/EDUC 4570: Internship/Seminar	

**TOTAL DEGREE REQUIREMENTS 120**

## SECONDARY EDUCATION MAJOR

*NOTE: The Department of Undergraduate Education is not accepting applications from students desiring to major in secondary education for the 1999-2000 academic year. However, the department will begin accepting applications for the secondary education biology major in fall 2000.*

The secondary education major, with specialties in biological sciences, English, mathematics, or social studies, is designed to prepare students to teach in middle and/or high school. The program also helps students meet requirements for certification in Florida and helps students become eligible for certification in other states.

### SECONDARY EDUCATION REQUIRED DISTRIBUTIONS

#### General Education Requirements

##### English Composition

LANG 1500 College Writing I  
LANG 2000 College Writing II

##### Mathematics

MATH 1100 Topics in Mathematics I  
MATH 3020 Applied Statistics

##### Core Studies

CORE 1410 Journey I  
CORE 1420 Human Nature, Human Behavior  
CORE 1430 The Living Earth  
CORE 1440 Other Voices, Other Visions  
CORE 2450 Individual and Social Systems

##### OR

CORE 2460 Economic Transformations and Society

##### General Distribution Electives

ARTS  
HIST  
Science and Technology Menu

#### PROGRAM REQUIREMENTS

CORE 3470 Ethical Systems  
CORE 4480 Journey II: The Capstone Experience  
LITR  
TECH 1110 Technology in the Information Age  
Hemispheric and Global Diversity Menu  
Oral Communication Menu  
PSYC 2380 Child and Adolescent Development  
EDUC 1100 Exploration of the Education Profession

#### MAJOR REQUIREMENTS

EDUC 3320 Sociological Foundations of Education  
EDUC 3330 ESOL Strategies for Limited English Proficient Students  
EDUC 3340 Psychological Foundations of Teaching  
EDUC 3520 Principles and Practices of Instruction and Assessment I  
EDUC 4320 Integrating Instructional Technology in the Class  
EDUC 4560 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom  
EDUC 3350 Survey of Exceptional Student Education  
EDUC 4570 Internship/Seminar

#### SPECIALTIES

##### Social Sciences

EDUC 4360 Meth. of Tchg. Reading in Middle/Sec. School  
SECE 3110 Teaching Social Studies in Middle and Secondary School  
\*Specialty courses according to certification requirements

#### TOTAL DEGREE REQUIREMENTS

36

24

30

126

##### Mathematics

SECE 3160 Teaching Mathematics in Middle and Secondary School 3  
\*Specialty courses according to certification requirements 27  
**TOTAL DEGREE REQUIREMENTS 120**

##### English

EDUC 4360 Meth. of Tchg. Reading in Middle/Sec. School 3  
SECE 3230 Teaching English in Middle and Secondary School 3  
\*Specialty courses according to certification requirements 27  
**TOTAL DEGREE REQUIREMENTS 123**

##### Biology

*(The department will be accepting applications for the secondary education biology major beginning in fall 2000.)*

SECE 3120 Teaching Science in Middle and Secondary School 3  
\*Specialty courses according to certification requirements 33-36  
**TOTAL DEGREE REQUIREMENTS 126-129**

*\*Contact an advisor in the undergraduate Department of Education office on the main campus. Courses are designed to be taken in a specialized sequence. Contact an advisor for an explanation of required sequence of courses.*

### MINORS IN EDUCATION

#### Technology Minor

This 18-credit-hour minor is intended for education majors who would like in-depth training in the use of technology as it relates to teaching at the elementary and secondary levels. Please note, the technology minor is available only on the main campus.

All students minoring in technology take the following courses:

TECH 1110 Technology in the Information Age  
TECH 2150 Using the Internet  
TECH 3520 Emerging Technology in Education  
TECH 3530 Multimedia Authoring Systems for Educators  
EDUC 4320 Integrating Instructional Technology in the Classroom  
TECH 4510 Utilizing Technology to Develop Curriculum for Speakers of Other Languages

### 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.

For endorsement, program participants must satisfactorily complete five state-prescribed courses, totaling 15 semester hours.

Registration for these courses should follow the sequence as denoted below:

ESOL 4901 Methods of Teaching English to Speakers of Other Languages  
ESOL 4902 ESOL Curriculum and Materials  
ESOL 4903 Cross-Cultural Studies  
ESOL 4904 Linguistics for ESOL Educators  
ESOL 4905 Testing and Evaluation in ESOL

All students seeking the undergraduate degree in an education major are required by NSU to take a survey, or introductory course, to the ESOL cluster of courses. The introductory course is EDUC 3330, ESOL Strategies for Limited English Proficient Students, and is the required prerequisite course for the remaining ESOL courses.

## LIBERAL ARTS

The bachelor of arts degree is offered through the Department of Liberal Arts with the following major concentration:

### Humanities

The bachelor of science degree is offered through the Department of Liberal Arts with the following major concentration:

### Legal Studies

The bachelor of science degree is offered jointly through the Department of Liberal Arts and the Department of Math, Science, and Technology with the following major concentration:

### Science and the Law

*NOTE: Program and major requirements for Science and the Law can be found in the Math, Science, and Technology section of this catalog.*

## HUMANITIES MAJOR

The humanities major is designed for students wishing to gain a broad background in the various disciplines included in the liberal arts: literature, the arts, history, political studies, philosophy, and interdisciplinary studies. The courses in this major aid students in developing analytical and communication skills, aesthetic responsiveness, moral imagination, and intellectual integrity.

### LEARNING OUTCOMES

The successful humanities graduate is expected to:

1. Communicate effectively:
  - a. write well
  - b. speak well
2. Comprehend complex material:
  - a. apply critical thinking skills to complex materials and issues
  - b. analyze, synthesize, and evaluate complex material
  - c. comprehend the social, philosophical, and political contexts of important literary, historic, and philosophical works
  - d. comprehend the significance and implications of moral, ethical, and aesthetic issues of past, present, and future
3. Comprehend the enduring role of the arts as both reflections and expressions of human experience:
  - a. possess an awareness of his or her own life in the context of other lives—past, present, and future
  - b. comprehend the relevance of philosophy, history, literature, and fine arts to contemporary moral and aesthetic choices

## HUMANITIES REQUIRED DISTRIBUTIONS

### General Education Requirements 36

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1100 Topics in Mathematics I	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
Science and Technology Menu	3

### PROGRAM REQUIREMENTS 18

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
LITR	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### MAJOR REQUIREMENTS 48

#### BASIC COURSES

#### Philosophy 6

PHIL 1300 Critical Thinking	3
PHIL 2300 Philosophical Issues	3

#### The Arts 3

(Select one course in addition to one course from Distribution.)

ARTS 2300 Art and Society	
ARTS 2400 The Theatre Arts	
ARTS 2500 Music Through History	
ARTS 2540 Intro to Film Criticism	

#### Literature 6

(Select two courses in addition to one course from Distribution.)

LITR 2010 British Literature	
LITR 2020 American Literature	
LITR 2030 World Literature	

#### History 3

(Select one course in addition to one course from Distribution.)

HIST 2050 The American Experience	
HIST 2100 The Roots of Western Society	

#### ADVANCED COURSES

#### Philosophy 6

(Select two courses.)

PHIL 3180 Biomedical Ethics	
PHIL 3220 Philosophy of Science	
PHIL 3330 History of Political Thought I	
PHIL 3340 History of Political Thought II	
PHIL 3360 Environmental Ethics	
PHIL 3660 Philosophy of Law	
*PHIL 4900 Special Topics in Philosophy	

#### The Arts 6

(Select two courses.)

ARTS 3000 Film Studies	
ARTS 3020 Women in the Arts	
ARTS 3300 Myth and Art	
ARTS 3400 Non-Western and Modern Art	
*ARTS 4900 Special Topics in the Arts	

## Literature

(Select two courses.)

- \*LITR 3010 Studies in British Literature
- \*LITR 3020 Studies in American Literature
- \*LITR 3030 Studies in World Literature
- LITR 3040 Women and Literature
- \*LITR 3050 Area Studies in Literature
- \*LITR 3610 Literary Genres
- LITR 4060 Feminist Criticism and Theory
- \*LITR 4700 Major Authors
- \*LITR 4710 Legends and Motifs in Literature
- \*LITR 4900 Special Topics in Literature

## History

(Select two courses.)

- HIST 3010 Constitutional History I
- HIST 3020 Constitutional History II
- \*HIST 3030 Studies in American History
- \*HIST 3040 Studies in European and Non-Western History
- \*HIST 4900 Special Topics in History

Additional Advanced Elective

(Select one additional course from Advanced Courses listed above.)

OR

- \*HUMN 4900 Special Topics in the Humanities 3
- HUMN 4999 Senior Project 3

**OPEN ELECTIVES 18**

**TOTAL DEGREE REQUIREMENTS 120**

\*Course may be repeated once for credit if content changes. Departmental approval required.

## 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 liberal arts 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.

### LEARNING OUTCOMES

The successful legal studies graduate is expected to:

1. Communicate effectively:
  - a. write well
  - b. speak well
2. Analyze complex material:
  - a. identify the elements of an argument
  - b. evaluate arguments
  - c. identify the relationships among elements of a legal system as well as between legal systems
3. Comprehend the contexts within which legal issues arise and the implications of legal decisions:
  - a. demonstrate an understanding of the historical development of legal systems
  - b. demonstrate an understanding of the economic and social contexts of legal decisions and systems
  - c. demonstrate an understanding of the political contexts and implications of legal decisions

### LEGAL STUDIES REQUIRED DISTRIBUTIONS

**General Education Requirements 36**

English Composition

- LANG 1500 College Writing I 3

<b>6</b>	LANG 2000 College Writing II	3
	Mathematics	
	MATH 1100 Topics in Mathematics I	3
	MATH 3020 Applied Statistics	3
	Core Studies	
	CORE 1410 Journey I	3
	CORE 1420 Human Nature, Human Behavior	3
	CORE 1430 The Living Earth	3
	CORE 1440 Other Voices, Other Visions	3
	CORE 2450 Individual and Social Systems	
	OR	
	CORE 2460 Economic Transformations and Society	3
	General Distribution Electives	
<b>6</b>	ARTS	3
	HIST	3
	Science and Technology Menu	3

### PROGRAM REQUIREMENTS

**18**

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
LITR	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### MAJOR REQUIREMENTS

**48**

HIST 3010 Constitutional History I	3
HIST 3020 Constitutional History II	3
LGST 2010 Law in Action: Intro to Legal Reasoning	3
LGST 2100 The Legal Profession	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Studies in Law	3
LGST 3260 Judicial Politics and Process	3
LGST 4050 Civil and Political Liberties	3
LGST 4260 Private Law and Modern American Thought	3
LGST 3300 Legal Research and Writing	3
LGST 4300 Mock Trial	3
LGST 4410 International Law	3
LGST 4450 Legal Studies Capstone	3
PHIL 1300 Critical Thinking	3
PHIL 3330 History of Political Thought I	
OR	
PHIL 3340 History of Political Thought II	3
PHIL 3660 Philosophy of Law	3

**OPEN ELECTIVES 18**

**TOTAL DEGREE REQUIREMENTS 120**

### Legal Assistant Studies Minor

Students wishing to pursue both a legal studies major and a legal assistant studies minor may substitute the following two courses in order to complete both programs and graduate with 120 hours: Instead of LEGS 1150 Introduction to Law and the Legal Profession take LGST 2100 The Legal Profession. Instead of LEGS 3100 Legal Research and Writing I take LGST 3300 Legal Research and Writing. These course substitutions are available only for students pursuing this combined major and minor.

## SCIENCE AND THE LAW MAJOR

The science and the law major, offered jointly by the Departments of Liberal Arts and Math, Science, and Technology, provides students with an interdisciplinary concentration in legal studies and science. The major serves students interested in pursuing careers in public service or environmental studies or graduate study in law or the sciences.

For further information on this major and required courses, see “Science and the Law” in the Math, Science, and Technology section of this catalog.

### MINORS IN LIBERAL ARTS

#### Communications Minor

The communications minor at NSU prepares students broadly educated in the liberal arts to meet professional requirements in entry-level positions in journalism, broadcasting, and business departments connected with the media. The curriculum for the communications minor emphasizes both the theoretical (academic) and practical (professional) aspects of the rapidly changing communications field. This program is not a major, but must be taken in conjunction with one of the majors offered throughout the Farquhar Center. Business majors may not select the management sequence.

The student must complete at least six of the courses offered: two from the Basic Menu and four others from a selected minor sequence for a total of 18 credits.

#### Basic Courses

Select two courses:

COMM 2100 Mass Media	3
COMM 2510 Intermediate Telecommunications	3
COMM 3010 Ethical Issues in Communications	3
COMM 4010 Information Theory	3

#### Journalism Sequence

Required:

COMM 2010 Introduction to Journalism	3
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Select three courses:

ARTS 2540 Introduction to Film Criticism	3
ARTS 3000 Film Studies (when offered as Film as Literature or Minorities in Cinema)	3
COMM 3100 Gendered Images in Popular Culture	3
COMM 4900 Special Topics in Communications (with permission of academic director)	3
HUMN 4900 Special Topics in the Humanities (when offered as Pop Culture Theory)	3
LANG 3000 Advanced College Writing	3
LANG 3030 Creative Writing: Fiction	3

#### Broadcasting Sequence

Required:

COMM 2020 Introduction to Broadcast Journalism	3
COMM 2030 Introduction to Broadcast Technology	3

Select two courses:

ARTS 2400 The Theater Arts	3
ARTS 2500 Music Through History	3
COMM 4900 Special Topics in Communications (with permission of academic directory)	3
HUMN 4900 Special Topics in the Humanities (when offered as Pop Culture Theory)	3
LANG 2010 Public Communications	3
LANG 2020 Theories of Argument and Debate	3
LANG 2030 Dramatic Interpretation	3

#### Management Sequence (not open to business majors)

Required:

BUSS 1010 Introduction to Business	3
MRKT 1010 Introduction to Marketing	3

Select two courses:

MGMT 2050 Principles of Management	3
MGMT 3020 Organizational Communication	3
MGMT 3210 Advertising and Sales	3

**TOTAL 18**

*NOTE: Courses taken to fulfill general education requirements cannot be applied to the minor.*

#### 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 and over time. Students who complete the 18-credit minor will explore the methods and concepts of gender studies in a variety of academic disciplines, including sociology, psychology, literature, philosophy, film, economics, and law.

Individual courses are also open to the general student population.

Required:

GEST 2050 Introduction to Gender Studies	3
GEST 4900 Special Topics in Gender Studies	3

Select four courses:

PSYC 2110 Human Sexuality	3
BIOL 4600 Biological Bases of Behavior: Gender	3
ARTS 3000 Film Studies: Women in Film	3
LGST 3000 Interdisciplinary Studies in the Law (when offered as Gender and the Law)	3
ARTS 3020 Women in the Arts	3
LITR 3040 Women and Literature	3
COMM 3100 Gendered Images in Popular Culture	3
SOCL 3110 Gender, Sexuality, and the Family	3
SOCL 3300 Gender at Work	3
PSYC 3360 Psychology of Gender	3
SOCL 4000 Lesbian and Gay Cultures	3
LITR 4060 Feminist Criticism and Theory	3
PHIL 4900 Special Topics in Philosophy (when offered as The Philosophical Issues of Gender and Sex)	3

**TOTAL 18**

*In addition to the above courses, other courses may be approved by the program coordinator as applicable toward the minor.*

*NOTE: Courses taken to fulfill general education requirements cannot be applied to the minor.*

#### Global Studies Minor

The global studies minor provides a broad international perspective for students who are planning 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 to the global arena. The minor sponsors research and provides opportunity for unique field study experiences, internships, and community service abroad.

Students must take two three-credit courses from the hemispheric and global diversity menu and any four courses (12 credits) from the global studies menu.

#### Hemispheric and Global Diversity

Select two courses:

HIST 2130 The Formation of Latin America	3
HIST 2140 Modern Latin America	3
HIST 2160 African Studies	3
HIST 2250 The Pacific Rim	3
LACS 4850 Preparation for Field Study	3
SOCL 2500 Global Diversities: Issues and Perspectives	3

#### Global Studies

Select four courses:

ARTS 3400 Non-Western and Modern Art	3
BIOL 1040 Environmental Studies	3
BUSS 3550 Introduction to International Business	3
CORE 2460 Economic Transformations and Society	3

ECON 3550 International Economics	3
FINC 4550 International Finance	3
GEOG 2050 Survey of Geography	3
GEOG 2910 Special Topics (when offered as Field Studies in Biogeography)	3
* LACS 4860 Field Study in Latin America	6
LANG 1210 Elementary Spanish	3
LANG 2210 Intermediate Spanish	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Studies in Law (when offered as Cultural Minorities and the Law)	3
LGST 4410 International Law	3
LITR 3050 Area Studies in Literature (when offered as Latin American Fiction or The Mexican Cult of Death in Myth, Art and Literature)	3
LITR 4710 Legends and Motifs in Literature (when offered as Don Juan)	3
MGMT 3550 International Management	3
PHIL 3360 Environmental Ethics	3
PSYC 3760 Multicultural Issues in Psychology	3
SOCL 3030 Transcultural Issues in Health Care	3
SOCL 3110 Gender, Sexuality and the Family	3
SOCL 3300 Gender at Work	3
<b>TOTAL</b>	<b>18</b>

\* Students who select LACS 4860, Field Study in Latin America, must take LACS 4850 as a prerequisite. Since LACS 4860 counts as six credit hours, students who select this option will need to take only two other courses in the global studies menu, and one other course besides LACS 4850 in the hemispheric and global diversity menu. Courses taken to fulfill general education requirements cannot be applied to the minor. Also, some of the courses above have specific prerequisites that must be met before taking them. Students should consult a current catalog for specific prerequisites.

### Humanities Minor

Combined with a major in a specialized field, the humanities minor prepares individuals to meet the challenges of the contemporary workplace. Experts now contend that individuals will change careers at least twice in a lifetime. As a result, employers look for individuals who have broad training, in addition to specialized skills. A humanities minor offers individuals the skills and flexibility necessary for professional success.

Interdisciplinary in design, the humanities minor supplements and complements the student's major area of study. It consists of 18 credits in courses that offer students an opportunity to study philosophy, history, arts, and literature.

Students select one three-credit course from each of the four humanities areas: arts, history, literature, and philosophy. Students then select an additional two courses (6 credits) at the 3000 level or above in one area of concentration.

### Arts

ART 2300 Art and Society
ARTS 2400 Theater Arts
ARTS 2500 Music Through History
ARTS 2540 Intro. to Film Criticism
ARTS 3000 Film Studies
ARTS 3020 Women in the Arts
ARTS 3300 Myth and Art
ARTS 4900 Special Topics in the Arts

### History

HIST 2050 The American Experience
HIST 2100 The Roots of Western Society
HIST 3010 Constitutional History
HIST 3020 Constitutional History II
HIST 3030 Studies in American History
HIST 3040 Studies in European and Non-Western History
HIST 4900 Special Topics in History

### Literature

LITR 2010 British Literature
LITR 2020 American Literature
LITR 2030 World Literature
LITR 3010 Studies in British Literature
LITR 3020 Studies in American Literature
LITR 3030 Studies in World Literature
LITR 3040 Women and Literature
LITR 3050 Area Studies in Literature
LITR 3610 Literary Genres
LITR 4060 Feminist Criticism/Theory
LITR 4700 Major Authors
LITR 4900 Special Topics in Literature

### Philosophy

PHIL 1300 Critical Thinking
PHIL 2300 Philosophical Issues
PHIL 3180 Biomedical Ethics
PHIL 3220 Philosophy of Science
PHIL 3330 History of Pol. Thought I
PHIL 3340 History of Pol. Thought II
PHIL 3360 Environmental Ethics
PHIL 3660 Philosophy of Law
PHIL 4900 Special Topics in Philosophy

### Humanities

HUMN 4900 Special Topics in the Humanities
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### TOTAL

18

NOTE: Courses taken to fulfill general education requirements cannot be applied to the minor.

### Latin American and Caribbean Studies Minor

The Latin American and Caribbean Studies minor provides a broad interdisciplinary base for students who plan careers involving Latin American and Caribbean peoples. Students can complete the minor as a means of enhancing their ability to work and live in an increasingly interdependent, multicultural hemisphere. The minor sponsors research and provides opportunity for unique field study experiences, internships, and community service in Latin America and the Caribbean.

Students must take two three-credit courses from the hemispheric and global diversity menu, and three three-credit courses from the Latin American and Caribbean studies menu. Students must also demonstrate competency in Spanish or Portuguese, which may be fulfilled by three credits of course work (such as LANG 1210: Elementary Spanish, or LANG 2210: Intermediate Spanish, or by transferring three credits of Spanish or Portuguese), by examination (CLEP or equivalent), or in conjunction with an approved study-abroad experience. LACS 4860: Field Study in Latin American, which requires LACS 4850: Preparation for Field Study, fulfills the foreign language requirement as well.

### Hemispheric and Global Diversity

<i>Select two courses:</i>	
HIST 2130 The Formation of Latin America	3
HIST 2140 Modern Latin American	3
HIST 2160 African Studies	3
HIST 2250 The Pacific Rim	3
* LACS 4850 Preparation for Field Study	3
SOCL 2500 Global Diversities: Issues and Perspectives	3

### Latin American and Caribbean Studies

<i>Select three courses:</i>	
BIOL 1040 Environmental Studies	3
BUSS 3550 Introduction to International Business	3
CORE 2460 Economic Transformations and Society	3
ECON 3550 International Economics	3

FINC 4550 International Finance	3
GEOG 2910 Special Topics (when offered as Field Studies in Biogeography)	3
* LACS 4860 Field Study in Latin America	6
LANG 1210 Elementary Spanish	3
LANG 2210 Intermediate Spanish	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Studies in Law (when offered as Cultural Minorities and the Law)	3
LGST 4410 International Law	3
LITR 3050 Area Studies in Literature (when offered as Latin American Fiction or The Mexican Cult of Death in Myth, Art and Literature)	3
LITR 4710 Legends and Motifs in Literature (when offered as Don Juan)	3
MGMT 3550 International Management	3
PSYC 3760 Multicultural Issues in Psychology	3
SOCL 3110 Gender, Sexuality and the Family	3
SOCL 3300 Gender at Work	3

**TOTAL 18**

\* Students who select LACS 4860, Field Study in Latin America, must take LACS 4850 as prerequisite. Since LACS 4860 counts six credit hours, students who select this option will need to take only two other courses in the global studies menu, and one other course besides LACS 4850 in the hemispheric and global diversity menu. Courses taken to fulfill general education requirements cannot be applied to the minor. Also, some of the courses above have specific prerequisites that must be met before taking them. Students should consult a current catalog for specific prerequisites.

### Legal Studies Minor

The legal studies minor provides an introduction to the American and world legal systems and their interaction with culture and society. It is especially suggested for students planning careers in business, government, or law.

Students take the following required courses:

LGST 2010 Law in Action	3
PHIL 3660 Philosophy of Law	3
<b>6 credits</b>	

Students choose between:

HIST 3010 Constitutional History I	3
<b>AND</b>	
HIST 3020 Constitutional History II	3

**OR**

PHIL 3330 History of Political Thought I	3
<b>AND</b>	
PHIL 3340 History of Political Thought II	3

**6 credits**

Students choose between:

LGST 2100 The Legal Profession	
<b>OR</b>	
LGST 2400 Comparative Legal Systems	
<b>3 credits</b>	

Students choose between:

LGST 3300 Legal Research and Writing	
<b>OR</b>	
Any 4000-Level LGST course	
<b>3 credits</b>	

**TOTAL 18 credits**

**NOTE:** Courses taken to fulfill general education requirements cannot be applied to the minor.

## MATH, SCIENCE, AND TECHNOLOGY

The bachelor of science degree is offered through the Department of Math, Science, and Technology with the following major concentrations:

**Environmental Science/Studies (fall 2000)**

**Life Sciences (premedical)**

**Ocean Studies**

**Science and the Business Environment**

**Science and the Law**

### LEARNING OUTCOMES

Faculty members expect that successful graduates of the Department of Math, Science, and Technology to:

1. Demonstrate a working knowledge of the scientific method
2. Demonstrate essential knowledge of biology
3. Demonstrate essential knowledge of chemistry
4. Demonstrate essential knowledge of physics
5. Communicate concisely and clearly
6. Use mathematics to solve scientific problems and evaluate research data
7. Use current technology to gather, process, transmit, and display information
8. Demonstrate knowledge of ethical, historical, and contemporary issues related to the life sciences (life science majors only) or marine sciences (ocean studies majors only)
9. Relate basic biological, chemical, geological, and physical knowledge to marine sciences (ocean studies majors only)

### ENVIRONMENTAL SCIENCE/STUDIES MAJOR

**NOTE:** The environmental science/studies major will be available to students beginning in fall 2000, pending approval by the NSU Program Review Committee.

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 degree program. 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 Health Professions Division to earn a master's degree in public health as well as with NSU's Oceanographic Center to earn a master's degree in marine environmental science. Refer to the "Dual Admission Program" section of this catalog for further information and admission requirements.

#### Track Two: Environmental Studies

A program with an emphasis on social issues and how humanity impacts the environment. This track emphasizes the applied side of environmental science and, specifically, incorporates ecotourism



and sustainability in the Caribbean Basin, Central America, Ecuador, and Peru. Program goals include providing students with internships and potential contacts for employment in areas throughout the Western Hemisphere. Students may enroll in a dual admission program with NSU's Health Professions Division to earn a master's degree in public health. Refer to the "Dual Admission Program" section of this catalog for further information and admission requirements.

## TRACK ONE: ENVIRONMENTAL SCIENCE

### REQUIRED DISTRIBUTIONS

#### General Education Requirements

<i>English Composition</i>		<b>36</b>
LANG 1500 College Writing I	3	
LANG 2000 College Writing II	3	
<i>Core Studies</i>		
CORE 1410 Journey I	3	
CORE 1420 Human Nature	3	
CORE 1440 Other Voices, Other Visions	3	
CORE 2450 Individual and Social Systems	3	
CORE 2460 Economic Transformations and Society	3	
<i>Hemispheric and Global Diversity</i>		
SOCL 2500 Global Diversities	3	
<i>Oral Communication</i>		
LANG 2010 Public Communications	3	
<i>General Distribution Electives</i>		
ARTS	3	
HIST	3	
LITR	3	

#### PROGRAM REQUIREMENTS

MATH 2100 Calculus I	4	<b>19</b>
MATH 3020 Applied Statistics	3	
CORE 3470 Ethical Systems	3	
CORE 4480 Journey II: The Capstone Experience	3	
PHYS 2160 Essentials of Earth and Space Science	3	
TECH 1110 Technology in the Information Age	3	

#### MAJOR REQUIREMENTS

TECH 3000 Multimedia Design	3	<b>61</b>
ENVS 1100 Environmental Science I	3	
ENVS 1200 Environmental Science II	3	
ENVS 3350 Environmental Law and Policy	3	
ENVS 3100 Environmental Issues	3	
ENVS 4300 Industrial Ecology	3	
ENVS 3360 Environmental Ethics	3	
BIOL 3200 General Ecology/Lab	4	
BIOL 1500 Biology I w/lab	4	
BIOL 1510 Biology II w/lab	4	
CHEM 2300 Chemistry I w/lab	4	
CHEM 2310 Chemistry II w/lab	4	
CHEM 3200 Essentials of Organic w/lab	4	
BIOL 3400 Microbiology	4	
GEOG 2260 Conservation of Natural Resources	3	
ENVS 4500 Practicum in Environmental Science	9	

#### OPEN ELECTIVES

**TOTAL DEGREE REQUIREMENTS 122**

## TRACK TWO A: ENVIRONMENTAL STUDIES (ECOTOURISM) REQUIRED DISTRIBUTIONS

#### General Education Requirements

<i>English Composition</i>		<b>36</b>
LANG 1500 College Writing I	3	
LANG 2000 College Writing II	3	
<i>Core Studies</i>		
CORE 1410 Journey I	3	

CORE 1420 Human Nature	3	
CORE 1440 Other Voices, Other Visions	3	
CORE 2450 Individual and Social Systems	3	
CORE 2460 Economic Transformations and Society	3	
<i>Hemispheric and Global Diversity</i>		
SOCL 2500 Global Diversities	3	
<i>Oral Communication</i>		
LANG 2010 Public Communications	3	
General Distribution Electives		
ARTS	3	
HIST	3	
LITR	3	

#### PROGRAM REQUIREMENTS

MATH 1100 Topics in Mathematics	3	<b>18</b>
MATH 3020 Applied Statistics	3	
CORE 3470 Ethical Systems	3	
CORE 4480 Journey II: The Capstone Experience	3	
PHYS 2160 Essentials of Earth and Space Science	3	
TECH 1110 Technology in the Information Age	3	

#### MAJOR REQUIREMENTS

ENVS 1100 Environmental Science I	3	<b>40</b>
ENVS 1200 Environmental Science II	3	
ENVS 3100 Environmental Issues	3	
ENVS 3350 Environmental Law and Policy	3	
ENVS 3360 Environmental Ethics	3	
ENVS 4300 Industrial Ecology	3	
BIOL 3200 General Ecology/Lab	4	
GEOG 3000 Geography of Ecotourism	3	
HMG T 4840 Special Issues in Ecotourism	3	
TECH 3000 Multimedia Design	3	
ENVS 4600 Practicum in Environmental Studies	9	

#### MAJOR ELECTIVES

<i>(choose two courses)</i>		<b>6</b>
BIOL 1100 Concepts and Connections in Biology	3	
PHYS 1060 Introduction to Oceanography	3	
PHYS 1020 Concepts in Physical Science	3	
CHEM 1040 Chemistry and Society	3	

#### ECOTOURISM REQUIREMENTS

<i>(choose two courses)</i>		<b>6</b>
HIST 2140 Modern Latin America	3	
GEOG 2260 Conservation of Natural Resources	3	
BUSS 3550 Introduction to International Business	3	

#### ECOTOURISM ELECTIVES

<i>(choose 4 courses)</i>		<b>12</b>
HMG T 3600 Hospitality, Tourism, Sports, and Entertainment Law	3	
HMG T 3820 The Tourism System	3	
HMG T 3860 The Cruise Attraction	3	
HMG T 3060 Hospitality and Business Law	3	
HMG T 3500 International Operations	3	
HMG T 3830 Public Tourism and Cultural Events	3	
HMG T 4850 Theme Parks and Entertainment Attractions	3	

#### OPEN ELECTIVES

**TOTAL DEGREE REQUIREMENTS 121**

## TRACK TWO B: ENVIRONMENTAL STUDIES (SUSTAINABILITY) REQUIRED DISTRIBUTIONS

#### General Education Requirements

<i>English Composition</i>		<b>36</b>
LANG 1500 College Writing I	3	
LANG 2000 College Writing II	3	
<i>Core Studies</i>		
CORE 1410 Journey I	3	
CORE 1420 Human Nature	3	
CORE 1440 Other Voices, Other Visions	3	

CORE 2450 Individual and Social Systems	3
CORE 2460 Economic Transformations and Society	3
<i>Hemispheric and Global Diversity</i>	
SOCL 2500 Global Diversities	3
<i>Oral Communication</i>	
LANG 2010 Public Communications	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

### PROGRAM REQUIREMENTS

MATH 1100 Topics in Mathematics	3
MATH 3020 Applied Statistics	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
PHYS 2160 Essentials of Earth and Space Science	3
TECH 1110 Technology in the Information Age	3

### MAJOR REQUIREMENTS

ENVS 1100 Environmental Science I	3
ENVS 1200 Environmental Science II	3
ENVS 3100 Environmental Issues	3
ENVS 3350 Environmental Law and Policy	3
ENVS 3360 Environmental Ethics	3
ENVS 4300 Industrial Ecology	3
BIOL 3200 General Ecology/Lab	4
GEOG 3000 Geography of Ecotourism	3
TECH 3000 Multimedia Design	3
HIST 2130 Formation of Latin America	3
ENVS 4600 Practicum in Environmental Studies	
<b>OR</b>	
LACS 4850/4860 Field Study	9

### MAJOR ELECTIVES

<i>(choose two courses)</i>	
BIOL 1100 Concepts and Connections in Biology	3
PHYS 1060 Introduction to Oceanography	3
PHYS 1020 Concepts in Physical Science	3
CHEM 1040 Chemistry and Society	3

### SUSTAINABILITY REQUIREMENTS

<i>(choose five courses)</i>	
HIST 2140 Modern Latin America	3
HIST 2250 Pacific Rim	3
LITR 3050 Area Studies in Literature	3
GEOG 2260 Conservation of Natural Resources	3
BUSS 3550 Introduction to International Business	3
HMG T 3600 Hospitality, Tourism, Sports, and Entertainment Law	3
HMG T 3820 The Tourism System	3
HMG T 3830 Public Tourism and Cultural Events	3
ECON 3550 International Economics	3

### OPEN ELECTIVES

<b>TOTAL DEGREE REQUIREMENTS</b>	<b>121</b>
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## LIFE SCIENCES MAJOR

The life sciences 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 admissions 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.

Students majoring in life sciences may also qualify for entrance into NSU's master's of occupational therapy program. Students interested in this career objective should work closely with their academic advisor to ensure proper prerequisites are met.

### LIFE SCIENCES REQUIRED DISTRIBUTIONS

#### General Education Requirements **36**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>Hemispheric and Global Diversity Menu</i>	
<i>Oral Communication Menu</i>	
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

### PROGRAM REQUIREMENTS

MATH 2100 Calculus I	4
MATH 3020 Applied Statistics	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3

### MAJOR REQUIREMENTS

PHIL 3180 Biomedical Ethics	3
BIOL 1500 Biology I/Lab	4
BIOL 1510 Biology II/Lab	4
BIOL 3310 Vertebrate Structure-Function/Lab	5
BIOL 3400 Microbiology/Lab	4
BIOL 3600 Genetics/Lab	4
BIOL 4340 Cellular and Molecular Biology	3
BIOL 4450 Biochemistry/Lab	4
CHEM 2300 General Chemistry I/Lab	4
CHEM 2310 General Chemistry II/Lab	4
<i>Choose four of the following:</i>	
<sup>1,2,5</sup> PHYS 2350 Applied Physics I/Lab	4
<sup>1,2,5</sup> PHYS 2360 Applied Physics II/Lab	4
<sup>2,4</sup> CHEM 3200 Essentials of Organic Chem/Lab	4
<sup>1,3</sup> CHEM 3300 Organic Chemistry I/Lab	4
<sup>1,3</sup> CHEM 3310 Organic Chemistry II/Lab	4
<sup>2*,4,5</sup> PSYC 2380 Child and Adolescent Development	3
<sup>2*,4,5</sup> PSYC 2390 Adulthood and Aging	3
<sup>3,4</sup> ECON 2010 Macroeconomics	3
<sup>3</sup> ECON 2020 Microeconomics	3

**KEY:** 1=pre-med, 2=pre-optometry, 2\*=pre-optometry select one, 3=pre-pharmacy, 4=pre-physician assistant, 5=pre-physical therapy

### OPEN ELECTIVES

<b>TOTAL DEGREE REQUIREMENTS</b>	<b>13-16</b>
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## OCEAN STUDIES MAJOR

The ocean studies major is designed to prepare students for a career or further graduate study. The curriculum consists of a set of core courses in physical and natural science, leading to a degree in

ocean science 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-admissions 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 Office of Undergraduate Admissions.

## OCEAN STUDIES REQUIRED DISTRIBUTIONS

### General Education Requirements 36

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
CORE 3470 Ethical Systems	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

### PROGRAM REQUIREMENTS 16

CORE 4480 Journey II: The Capstone Experience	3
MATH 2100 Calculus I	4
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### MAJOR REQUIREMENTS 69-72

BIOL 1500 Biology I/Lab	4
BIOL 1510 Biology II/Lab	4
BIOL 3200 General Ecology/Lab	4
BIOL 3210 History of Science	3
BIOL 3300 Invertebrate Zoology/Lab	4
BIOL 3600 Genetics/Lab	4
BIOL 4450 Biochemistry/Lab	4
CHEM 2300 General Chemistry I/Lab	4
CHEM 2310 General Chemistry II/Lab	4
CHEM 3200 Essentials of Organic Chem/Lab	4
PHYS 2350 Applied Physics I/Lab	4
PHYS 2360 Applied Physics II/Lab	4
OCES 2500 Introductory Oceanography/Lab	4
OCES 4490 Research Methods	3
OCES 4500 Directed Research Project I	1
OCES 4510 Directed Research Project II	1
OCES 4520 Directed Research Project III	1
BIOL/CHEM/MATH Elective	3
<i>Select four of the following seven:</i>	
BIOL 3310 Vertebrate Structure-Funct II/Lab	5
BIOL 3400 Microbiology/Lab	4
BIOL 4340 Cellular and Molecular Biology	3
OCMB 6070 Marine Biology	3
OCMB 6090 Marine Vertebrates	3
OCMB 6230 Marine Ichthyology	3
OCOR 5604 Marine Geology	3

**NOTE:** OCMB AND OCOR courses are graduate courses taken for undergraduate credit.

### TOTAL DEGREE REQUIREMENTS 121-124

## SCIENCE AND THE BUSINESS ENVIRONMENT MAJOR

The interdisciplinary major, science and the business environment, provides students with the broad-based background needed by those wishing to pursue careers where the disciplines of science and business converge. This major encompasses studies in science, where the student can concentrate on environmental/marine courses or cell, genetic and molecular courses. It also includes courses in business, thereby providing the student with fundamental knowledge in accounting, marketing, management, economics, and finance.

## SCIENCE AND THE BUSINESS ENVIRONMENT REQUIRED DISTRIBUTIONS

### General Education Requirements 36

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 1250 Trigonometry	3
MATH 3020 Applied Statistics	3
<i>Core Studies</i>	
CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
<i>General Distribution Electives</i>	
ARTS	3
HIST	3
LITR	3

### PROGRAM REQUIREMENTS 19

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3
BIOL 1500 Biology I/Lab	4

### MAJOR REQUIREMENTS 52-57

BIOL 1510 Biology II/Lab	4
CHEM 2300 General Chemistry I/Lab	4
CHEM 2310 General Chemistry II/Lab	4
ACCT 2050 Principles of Accounting I	3
BUSS 1010 Introduction to Business	3
BUSS 3150 Business Law	3
BUSS 4880 Business Strategy and Policy	3
ECON 2010 Principles of Macroeconomics	3
FINC 3010 Corporation Finance	3
MGMT 2050 Principles of Management	3
MRKT 1010 Introduction to Marketing	3
<i>Choose five courses:</i>	
BIOL 2300 Invertebrate Structure and Function/Lab	4
BIOL 3200 General Ecology/Lab	4
BIOL 3310 Vertebrate Structure and Function/Lab	5
BIOL 3400 Microbiology/Lab	4
BIOL 3600 Genetics/Lab	4
BIOL 4340 Cell and Molecular Biology	3
OCES 2500 Introductory Oceanography/Lab	4
OCES 4490 Research Methods	3
OCOR 5604 Marine Geology	3
CZMT 0609 Principles of Coastal Zone Management	3
PHYS 2350 Applied Physics I/Lab	4
PHYS 2360 Applied Physics II/Lab	4

*OCOR and CZMT are graduate courses taken for undergraduate credit.*

### OPEN ELECTIVES 8-13

### TOTAL DEGREE REQUIREMENTS 120

## SCIENCE AND THE LAW MAJOR

The science and the law major, offered jointly by the Departments of Liberal Arts and Math, Science, and Technology, provides students with an interdisciplinary concentration in legal studies and science. The major serves students interested in pursuing careers in public service or environmental studies or graduate study in law or the sciences.

### SCIENCE AND THE LAW REQUIRED DISTRIBUTIONS

#### General Education Requirements 36

##### *English Composition*

LANG 1500 College Writing I	3
LANG 2000 College Writing II	3

##### *Mathematics*

MATH 1250 Trigonometry	3
MATH 3020 Applied Statistics	3

##### *Core Studies*

CORE 1410 Journey I	3
CORE 1420 Human Nature, Human Behavior	3
CORE 1430 The Living Earth	3
CORE 1440 Other Voices, Other Visions	3
CORE 2450 Individual and Social Systems	3

##### OR

CORE 2460 Economic Transformations and Society	3
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##### *General Distribution Electives*

ARTS	3
HIST	3
LITR	3

#### PROGRAM REQUIREMENTS 15

CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

#### MAJOR REQUIREMENTS 57-62

BIOL 1500 Biology I/Lab	4
BIOL 1510 Biology II/Lab	4
CHEM 2300 General Chemistry I/Lab	4
CHEM 2310 General Chemistry II/Lab	4
PHYS 2350 Applied Physics I/Lab	4
PHYS 2360 Applied Physics II/Lab	4
LGST 2010 Law in Action	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Studies in Law	3
HIST 3010 Constitutional History I	3
HIST 3020 Constitutional History II	3
LGST 4400 Special Reading in Legal Studies (when offered with emphasis in Law and Science)	3
LGST 4410 International Law	3
<i>Choose four courses:</i>	
BIOL 2300 Invertebrate Structure and Function/Lab	4
BIOL 3200 General Ecology/Lab	4
BIOL 3310 Vertebrate Structure and Function/Lab	5
BIOL 3400 Microbiology/Lab	4
BIOL 3600 Genetics/Lab	4
BIOL 4340 Cell and Molecular Biology	3
OCES 2500 Introductory Oceanography/Lab	4
OCES 4490 Research Methods	3
OCOR 5604 Marine Geology	3
CZMT 0609 Principles of Coastal Zone Management	3

#### OPEN ELECTIVES 7-12

#### TOTAL DEGREE REQUIREMENTS 120

The College of Career Development offers numerous majors leading to the bachelor of science degree. Each major combines a comprehensive general education program with study in a major area of concentration.



## COLLEGE OF CAREER DEVELOPMENT

Adult learners often have limited access to higher education, whether they are employed managers, technicians with “terminal” education, service workers who need specific training and career credentials, housewives who have full-time commitments, teacher aides who want to become teachers, or individuals who are seeking career changes but are restricted by their current responsibilities. These people face changing careers, transitional roles, new technology, and increasing information demands that, in turn, affect their intellectual, leisure, cultural, and social needs. Usually adults return to school to increase their competency in a variety of professional roles and to expand their career opportunities.

Most adults who seek higher education to enhance their career status need flexibility in order to successfully manage their responsibilities as students and as family members; an educational program for these individuals must make both of these roles rewarding. Therefore, two elements of adult educational design must exist. First, the program must increase the skills and performance of the student in career-related areas. Second, the program must be built around the student’s current condition of family and employment.

Research continues to show that the reasons adults choose not to return to school are time, travel, and family responsibilities. In order for higher education to be accessible to adults, it must not come at the sacrifice of their responsibilities on the job or in the home. Nova Southeastern University (NSU) has successfully developed specific educational programs with this purpose and these conditions in mind.

The following features make the College of Career Development unique:

### **Flexible Course Scheduling**

Because most of the program’s students are busy working or raising families during the day, courses meet principally in the evenings and on weekends. Flexible scheduling provides students with the opportunity to enroll frequently throughout the year.

Courses in the eight-week term meet once each week in four-hour sessions. Courses in 16-week semesters meet once each week in two-hour sessions.

Occasionally, it becomes necessary to close classes because of capacity enrollment or to cancel classes because of insufficient enrollment. In these cases, NSU makes every effort to notify affected students before the first class meeting, thereby allowing them to register for other courses if they so desire.

### **Length of Program**

As mentioned above, one of the hallmarks of the College of Career Development Program is its flexible scheduling. As a result some students, with approval, may take more than a full academic load (12-18 credits) during a semester. On the other hand, students may take one course during a semester, or even none, if outside responsibilities make that plan advisable. Therefore, it is difficult to predict how long a student will take to fulfill his or her academic goals. Many students who are employed full time receive as much credit in a year as they would by attending a traditional day program. For some, graduation is possible in less than four years of academic work.

### **Convenient Locations**

Undergraduate classes meet on the main campus of NSU in Fort Lauderdale, Florida, and at various off-campus locations, including Boca Raton, Bonita Springs, Brandon/Sarasota, Clearwater, Daytona Beach, Fort Pierce, Gainesville, Jacksonville, Melbourne, Miami, Ocala, Orlando, Palm Beach, Pensacola, St. Petersburg, Tallahassee, Tampa, West Palm Beach, and a number of corporate sites.

*NOTE: Not all programs are available in all of the above locations. Please check with the program department for details on specific locations.*

### **Pragmatic Teaching**

Undergraduate programs at NSU are designed to be meaningful to the adult student. The faculty consists primarily of working professionals fully qualified to teach. These faculty members bring to the classroom both academic expertise and firsthand knowledge of the pragmatic application of the subject matter covered in their courses.

### **Student Population**

Ninety percent of students in the College of Career Development are over 21 years of age; 60 percent are over the age of 30. Most career development students have families and jobs and are rich in experience and diverse in background. They are highly motivated and interested in helping each other succeed. Most previously have attended college and are now finishing a bachelor's degree in anticipation of new opportunities and, possibly, graduate education.

### **Responsive Academic Advising**

The staff of NSU is committed to helping students achieve their educational goals. Advisors, faculty, and staff are eager to guide students in setting goals for career and personal growth and in planning for optimal progress toward them. Counselors are available in the evening by appointment.

### **Prior Learning**

Through RECALL (Review and Evaluation of Career and Lifelong Learning), NSU allows undergraduate students to receive credit for certain learning experiences they have had. Most credit from previous college work is transferable. Credit also can be gained by taking the College Level Examination Program (CLEP) test and from experiences that relate to, and can be considered equivalent to, college-level learning. As many as 90 hours of college credit may be granted through RECALL. Contact Randi Miletsky, coordinator of prior learning assessment, at (954) 262-8414 for further information.

### **Special Programs**

NSU has designed specialized credit and noncredit programs for working adults. Baccalaureate-degree-granting programs are offered in accelerated curriculums to holders of the associate's degree or its equivalent. NSU also responds to special requests for training and education from business, government, and nonprofit agencies by designing career programs to meet specific needs. The bachelor of science in professional management (BPM), as well as adaptations of specialties and other degree programs, is offered in a cluster format wherever qualified students show sufficient interest.

## **GENERAL EDUCATION PROGRAM**

The General Education Program is designed to foster critical and creative responsiveness by helping students develop the ability to solve problems, think analytically, and communicate clearly. As a result of the General Education Program, students will develop effective communication skills in speaking, listening, writing, reading, and critical interpretation. The General

Education Program also helps students place ideas in their proper context and appreciate the role of values within a cultural tradition.

### **Mission Statement for General Education**

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

## **ADMISSION INFORMATION AND ADMISSION COUNSELING**

Choosing a university cannot be done through paperwork alone; it requires a dialogue with people who are knowledgeable about the many choices to be made. We strongly urge prospective students to talk with one of our counselors, either in person or by phone.

We would like to help you—and all prospective students—answer three important questions:

1. Should you go to college?
2. Where should you go to college?
3. When should you go to college?

These questions have career, financial, and academic implications for prospective students. Our counselors have talked with thousands of individuals facing the same decisions. For many potential students, NSU has been the answer. Please take this opportunity to make the right decision.

Call (954) 262-8002 (in Broward County) for an application or an appointment. From Miami-Dade County, call (305) 940-6447, ext. 8002; students from other locations should call 800-338-4723, ext. 8002.

## **APPLYING FOR ADMISSION**

In keeping with its philosophy of valuing individual worth and difference, NSU considers applicants in terms of their potential for success.

To apply to NSU:

1. Send a completed application form and the \$25 nonrefundable application fee to this address:  
Nova Southeastern University  
Office of Undergraduate Admissions  
3301 College Avenue  
Fort Lauderdale, Florida 33314-7796

2. All applicants must submit proof of high-school graduation (or GED equivalent) if they have never attended another college or university. Transfer applicants must submit transcripts from all colleges or universities attended. For provisional admission purposes, unofficial documents or documents indicating courses in progress may be submitted. All final, official documents must be submitted prior to the student's second semester course registration (16 weeks maximum).

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

Applicants who are currently under suspension or who have been dismissed from another postsecondary institution are not eligible for admission to the Farquhar Center. 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.

3. Speak with a counselor in person or by telephone.

### **INTERNATIONAL STUDENTS**

International students 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.

#### **International Student Application Procedures**

1. Submit all secondary school and college-level transcripts. Transcripts must be official English-language translations (this condition applies to transcripts that are not already in English). Applicants must have the equivalent of an American high-school diploma. Credits earned at non-U.S. universities must be evaluated by an outside agency.

2. Achieve a score of 550 or higher on the Test of English as a Foreign Language (TOEFL) exam or 480 on the SAT (verbal section). If the SAT was taken prior to April 1, 1995, a score of 400 is required.

3. Students should submit a letter from a financial institution indicating an ability to meet all costs of education without financial aid from NSU. The minimum amount is determined by the budget prepared by the NSU Office of Student Financial Aid. 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.

4. Purchase medical insurance (J-1 visas only). Contact the international student advisor for further information concerning insurance.

After NSU has received all of the above information and has granted the applicant admission, an acceptance letter will be sent. An I-20 will be issued upon receipt of a \$200 tuition deposit.

### **ACCEPTANCE**

Any student admitted based on nonfinal or unofficial documents from high school and/or all previous colleges attended is considered provisionally admitted until all final, official documents are received. Full admission to the college will be granted upon receipt of all required documents: entering freshmen must submit final, official high-school transcripts indicating graduation (or GED equivalent); transfer students must submit final, official transcripts from all colleges or universities attended. If these required documents are not received prior to the student's second-semester course registration (16 weeks maximum), that course registration will not be approved. Applicant appeals of this policy may be made through the student's academic advisor.

### **REQUIREMENTS FOR CONTINUED ENROLLMENT**

Once admitted students have enrolled in the Farquhar Center for Undergraduate Studies, they must meet additional requirements during their first year of enrollment.

#### **Requirements for First-Time College Students**

1. Students who enter the College of Career Development without transfer credits in English and/or mathematics must enroll in LANG 1000 and/or MATH 1000 by their second semester, unless they take placement exams and earn scores high enough to register for LANG 1500 and/or MATH 1030. Students may take placement examinations only once. Students are required to comply with this policy to process future registrations.

2. Students who have not yet demonstrated college-level skills in mathematics, reading, and writing must successfully complete developmental courses (MATH 1000 and LANG 1000) by the end of one calendar year of enrollment. After three semesters, these students may not enroll in other course work at the Farquhar Center until they successfully complete LANG 1000 and/or MATH 1000 or take placement tests and earn scores high enough to register for LANG 1500 and/or MATH 1030. Students may take placement examinations only once.

3. Individual academic departments and/or majors may have specific requirements for continued enrollment. Students should consult their academic advisors for further information.

#### **Requirements for Transfer Students with Credits from Other Colleges/Universities**

All new students must demonstrate college-level skills in reading, writing, mathematics, and computer literacy within one calendar year by one of the following methods:

1. Upon enrollment, transfer students must present transcripts indicating comparable courses taken. Students must have earned a grade of C or better in comparable courses.

2. Transfer students must score at or above the specified level on placement test(s).

3. Transfer students must successfully complete the required developmental course(s) in writing and mathematics within one calendar year.

### **SPECIAL STUDENT STATUS**

Students enrolling under a special student status (non-degree-seeking) 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 the Special Student Application Form and submit it with the application fee. Once the admission 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, nor are they eligible for financial aid.

## DOUBLE MAJORS

Students may graduate with double majors. A minimum of 30 semester hours must be completed for each major. Students must inform their advisor of their intent to declare a second major. This is subject to the availability of courses based on academic department schedules.

## MINORS

The Farquhar Center for Undergraduate Studies offers minors in the following areas:

- Banking and Finance
- Communications
- Computer Applications
- Criminal Justice
- Food Industry Management
- Forensic Psychology
- Gender Studies
- Global Studies
- Human Resource Management
- Humanities
- International Business
- Latin American and Caribbean Studies
- Legal Assistant Studies
- Legal Studies
- Management
- Marketing
- Organizational Management
- Psychology
- Speech-Language Pathology
- Substance Abuse Studies
- Technology
- Tourism

The course requirements for each minor are outlined in each academic department's section of this catalog (consult the table of contents for exact page numbers). Students must fill out a Request for Minor Form, available from their academic advisor, once course work for the minor is complete.

## DEGREES CONFERRED

NSU awards two undergraduate degrees: the bachelor of arts degree and the bachelor of science degree. The diploma indicates the student has earned a bachelor of arts degree or a bachelor of science degree; it does not indicate the major. The academic transcript, the official record of work at NSU, indicates degree earned, major field of study, and specialty, if any.

## SECOND BACHELOR'S DEGREE

Students with a bachelor's degree from a regionally accredited institution other than NSU may earn a second bachelor's degree from NSU by completing a minimum of 30 approved additional credits in a particular major. At least 50 percent of all credits required in the selected major must be taken at NSU.

## TRANSFER CREDITS

NSU welcomes undergraduate students who have earned college credits at other regionally accredited colleges or universities. Students who plan to transfer should contact an NSU admissions counselor to discuss how prior college credits can be used to obtain an NSU degree. Community college students should contact an NSU admissions counselor as early as possible in their college career so they can choose courses for their associate's degree that will transfer to NSU and be appropriate for their intended bachelor's degree. NSU has articulation agreements with all Florida community colleges. Students transferring with an associate of arts degree (awarded in 1993 or later) from any of these institutions will be granted junior standing upon entering NSU. Additional articulation agreements exist with several independent two-year colleges. These agreements are evaluated periodically. Contact an academic advisor for information on current articulation agreements.

Once a student has been accepted by NSU and the university has received all final official transcripts, the student will receive a Curriculum Requirements and Evaluation of Transfer Credit Form. This form lists each of the specific courses needed for the major and any credit that has been allowed through transfer or credit by examination. An evaluation of transfer credit will be completed by the end of 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 official transcripts from all their previous colleges; their previous academic work will then be evaluated. NSU will transfer a maximum of 90 eligible semester credits (only grades of C or better), including credit for CLEP, proficiency exams, and prior experiential learning, toward a degree; however, a maximum of 66 transfer credits can be accepted from community colleges. A limited number of D grades may be considered, depending on the total number of credits being transferred and where the D grades are being applied to the curriculum. Remaining credits and at least 50 percent of the credits in the student's major area and minor must be earned at NSU in regular academic offerings.

## PRIOR EXPERIENTIAL LEARNING CREDITS

Students must initiate all requests for prior experiential learning credit before they complete 24 credits at NSU. Prior learning credits will be transcribed after 12 credits are successfully completed at NSU. Contact Randi Miletsky, coordinator of prior learning assessment, at (954) 262-8414 for further information.

## TESTING CREDITS

Students may earn college credit through the College Level Examination Program (CLEP), the Proficiency Examination Program (PEP), the New York University Proficiency Exam (NYU), the Defense Activity for Non-Traditional Education



Support (DANTES), and Advanced Placement (AP) examinations. CLEP is administered at NSU through the College Board. To receive credit through the CLEP, PEP, NYU, or DANTES examinations, a student must score in at least the 50th percentile. All testing must be completed by the time the student has completed 24 credits at NSU. Advanced placement credit may be available to students who score at least a three on AP examinations. International baccalaureate credit also may be granted. Students should discuss requests for credit with their advisors.

Before applying to take any of the above examinations, a student should consult an academic advisor to be sure that the credits granted are applicable to the student's course of study.

Evaluation of credit by examination will be made upon admission but will be recorded on the student's permanent record only after the student has registered for and completed 12 credits at NSU. In exceptional circumstances, students may be permitted to take courses at another college while enrolled at NSU. However, credit will be transferred only if there is prior written approval from the academic director and an earned grade of C or better. Students taking courses at more than one center within NSU must receive written approval from an advisor.

It is possible to test out of TECH 1110 (Technology in the Information Age), and students wishing to do so should contact their advisors. The cost is \$45 to take the exam and an additional \$45 if the credit is to be issued. Students will be informed of an exam's results once it has been scored (approximately four weeks).

### PORTFOLIO CREDITS

If a student can demonstrate knowledge and skills comparable to those of a college-trained student, and if those skills are appropriate to the student's course of study, NSU will award academic credit for them. A maximum of 25 percent of a degree program may be earned by creating portfolios. Other prior learning assessment options are available.

To earn credit for prior experience outside the traditional college classroom, students must be able to identify and document their skills and knowledge, and the skills and knowledge must be measurable.

Applications and counseling for prior learning credit are available from the coordinator of experiential learning by calling (954) 262-8414.

## ACADEMIC INFORMATION

### New Student Skill Requirements

Students are expected to demonstrate skills appropriate for college-level work in all courses. Before or during the first semester of enrollment, students without college-level math and/or English may be required to complete placement tests in the areas of reading, writing, and mathematics and will then be advised as to appropriate course selection. The placement test must be taken before the

student enrolls in his or her second semester. Students needing further development of skills will be informed about opportunities for assistance. While a student is acquiring these skills, his or her enrollment is limited to courses approved by an academic advisor, generally at the 1000 and 2000 levels. The passing of placement tests is prerequisite to enrollment in many courses, including all initial mathematics and communications courses.

For specific placement test procedures and practice exams, refer to the brochure on skill and competency requirements available in the Testing Assessment Center. Assistance in mathematics and communications (composition) is available through the Academic Support Center.

### Composition and Mathematics Requirements

All students are required to take the appropriate composition and mathematics courses during their first semester of enrollment at NSU. Students must enroll in and successfully complete their composition and mathematics sequence of courses in consecutive trimesters. If a student is unable to complete one of these courses successfully, he or she must reenroll for the next semester. Assistance in writing and math is provided by the Academic Support Center.

Students who are required to take LANG 1000 and MATH 1000 (developmental courses) will be allowed to enroll in the course no more than two times. If the course is not completed successfully with a grade of C- or better on the second attempt, the student will be automatically dismissed from the college.

Students may request readmission from the Academic Progress Committee upon demonstration of having acquired the skills necessary to be successful in LANG 1000 and MATH 1000.

### Oral Communications Requirement

All students must complete at least one course in oral communications as part of their general education requirements. LANG 2010: Public Communication; LANG 2020: Theories of Argument and Debate; or LANG 2030: Dramatic Interpretation may be used to fulfill the requirement.

### Writing Across the Curriculum

In each course a career development student takes, at least 35 percent of the final grade is determined by written assignments, except in certain courses determined by the dean.

Each course requires 8-20 pages of writing (35 percent of which should be in narrative form), with faculty members providing significant feedback on the assignments. Writing assignments will include those done inside and outside of class.

The Writing Across the Curriculum Committee reviews and assesses the policy annually.

### Completion of Course Assignments

To ensure that students obtain the maximum benefit from the College of Career Development's accelerated format, most of the courses offered by this college require that first class assignments

be completed before the first class meeting. These assignments are posted on the Student Services Bulletin Board and are available from academic department offices during registration. The syllabus is distributed at the first class meeting.

Students should anticipate spending a substantial amount of time in preparation for each session to complete the course objectives and requirements outlined in the course syllabi. Courses at 3000 and 4000 levels are considered to be upper-division, college-level courses and require in-depth preparation and performance. Some of these courses also have prerequisites. Students who experience difficulty in keeping up with course requirements should consider reducing their course loads.

The College of Career Development's accelerated format makes class attendance essential. If an emergency necessitates an absence, a make-up assignment should be planned in consultation with the instructor.

#### GRADING SYSTEM

Grade		Points
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	—
PR	Progress	—
XF	Unofficial Withdrawal	0.0

#### Grade Point Average and Quality Points

A student's academic standing for a specific semester is his or her grade point average (GPA), and "quality points" determine the GPA. Quality points are determined by multiplying the numerical value of a letter grade (points) by the number of credits assigned to a course. The GPA is calculated by dividing the total quality points earned in a semester by the total credits taken in a semester. The student's overall academic standing is determined by the cumulative grade point average (CGPA). The CGPA is calculated by dividing the total quality points earned by the total credits taken.

#### Grade Reports

Grade reports are sent to students at the end of each semester. A copy of the report is placed in the student's permanent file. Legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons protect students. Students are permitted to inspect, review, and challenge such information as provided by law.

#### Dean's List

Any full-time student who earns a GPA of 3.5 or higher in the fall or winter semester(s) qualifies for the Dean's List. A Dean's List letter is mailed to the student and the Dean's List comment appears on the student's official transcript. Students with grades of I (incomplete) are not eligible for the Dean's List for that semester.

#### Incomplete

An incomplete ("I") can be awarded only in cases of actual hardship experienced by the student as judged by the instructor. When instructor and student agree to an I status, both must sign the Contract for Removal of an Incomplete Grade. The student will have up to 16 weeks to complete the course. When the additional 16 weeks have passed, the I will be changed to a grade of A through F, based on the course work completed by that time. A student who is absent at the final examination without prior approval cannot receive an incomplete grade.

#### Optional Pass/Fail

Students in good academic standing may register for two electives outside of 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).

#### WITHDRAWAL POLICY

A student will be administratively withdrawn if he or she misses both the first and second class meetings. After the third week of class, a student may withdraw only with the signature of the instructor. Students may withdraw from a course before the seventh week of an eight-week course and before the 15<sup>th</sup> week of a 16-week course.

A Student Transaction Form must be received and date-stamped by the Office of the University Registrar before the deadline. Such a withdrawal will appear on the transcript, but it will not count toward the GPA. A student considering withdrawal is encouraged to meet with the instructor and/or program advisor to discuss the implications of such actions. International students are encouraged to speak to the international student advisor prior to submitting a Student Transaction Form for withdrawal from a course, as it may affect immigration status. Financial aid recipients should speak to an advisor from the Office of Student Financial Aid.

Students may request a "late withdrawal" due to extenuating circumstances by completing a Student Action Form (SAF). Students must submit the SAF to their advisor before the last class meeting. Appeals for withdrawal after the last day of class must be sent to the dean.

#### REPEATED COURSES

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. Students may repeat a course no more than three times, and the highest grade

will be counted in the student's GPA. Students need to complete a Repeated Course Form after the course has ended. Repeated Course Forms are available from academic advisors.

Students are allowed three attempts to successfully pass a course. An attempt is defined as any letter grade (W, A-F). Students who are unsuccessful after three attempts in an elective course or a general distribution course (with other options) can continue enrollment, but they cannot repeat that specific course.

Students who are unsuccessful after three attempts in program requirements, prerequisites to major courses, or major courses can choose to switch majors. Students may not continue in that major. Students who are unsuccessful after three attempts in required general education and core courses (where there are no alternative courses) are automatically dismissed.

### **SATISFACTORY ACADEMIC PROGRESS**

To remain in good academic standing, undergraduate students must maintain the required minimum grade point average (GPA) or higher on all credits attempted. Students receiving financial aid should consult this catalog for information on minimum requirements for GPA and credit hours.

#### **Minimum Requirements (GPA)**

1-29 credits–1.70 GPA

30-59 credits–1.85 GPA

60+credits–2.00 GPA

#### **Minimum Graduation Requirements (GPA) in the Major**

Majors in the Department of Education: 2.5

All other majors: 2.25

#### **Academic Jeopardy**

At the end of each semester, the Office of the Dean reviews students' academic progress. Students whose grade point average (GPA) falls below minimum grade point average requirements will receive notification that they have been placed into one of the categories of academic jeopardy listed below. Except for academic warning, all other categories become part of the student's permanent transcript.

### **DEFINITIONS**

#### **Academic Warning**

Students whose cumulative GPA falls below 2.0

#### **Academic Probation**

Students who have completed at least 12 credits for which they have received grades of A through F, and who fall below the minimum GPA (see "Minimum Requirements" above)

#### **Continued Probation**

Students who, in successive semesters of enrollment after being placed on academic probation, earn a minimally acceptable GPA but whose cumulative GPA for all semesters falls below the minimum grade average requirement

#### **Progress Probation**

Students who fail to complete at least 70 percent of credits attempted in any one semester with grades of D or better

#### **Off Probation**

Students who achieve the minimum cumulative GPA

#### **Suspension**

Students on academic probation or continued probation who fail to earn a minimally acceptable GPA in the next semester of enrollment or students on progress probation who fail to complete at least 70 percent of credits attempted in a successive semester

Length of suspension is two semesters. Students must appeal for readmission at least one month prior to the requested date of readmittance (see "Notification and Appeals" below).

#### **Dismissal for Failure to Complete Developmental Math or Language Requirements Successfully**

Students who fail to complete MATH 1000 or LANG 1000 successfully after two attempts. Grades of D+, D, F, or a withdrawal (W) are unsuccessful attempts. Students may request readmission after demonstrating that they have acquired the necessary math or language (writing) skills by passing the appropriate placement exams or by successfully completing transferable math or language (writing) courses at another institution.

#### **Dismissal Following Suspension**

Students readmitted on continued probation following suspension who fail to meet a minimally acceptable GPA

#### **Notification and Appeals**

If a student is placed on suspension or dismissed, a certified letter will be sent to the student's local address. The student will have until the deadline specified in the dismissal or suspension letter to appeal to the Academic Progress Committee. The committee includes faculty members from each academic department, a representative academic advisor, and a representative from the Academic Support Center. The committee reviews appeals for suspension and dismissal. Notification of decisions will be sent to the address given in the appeal letter. The student may contact an academic advisor or the director of student support in the Office of the Dean for information.

#### **Readmission Following Suspension or Dismissal**

Students requesting readmission following suspension or dismissal must submit a written request to the Academic Progress Committee at least one month prior to the semester in which they wish to reenroll. The committee will review all requests for readmission. However, the student must justify reasons for readmission and readiness for reentering the Farquhar Center for Undergraduate Studies.

### **INDEPENDENT STUDY AND TUTORIAL**

Independent study provides qualified students with an opportunity to research a question of interest under a faculty member's supervision. A tutorial enables qualified students to take a regular

course from an instructor on an individual basis rather than in a classroom format. Tutorials are allowed only in exceptional circumstances. Students interested in either an independent study or a tutorial should see their academic advisor and consult with a faculty member to draw up a contract outlining student responsibilities. The student, the instructor, and the department's academic director must sign it. Regular tuition schedules and rates apply to both independent study and tutorials.

#### **AUDITING A COURSE**

A student may register to audit a course. The student may attend all classes but is not required to take examinations. A grade of AU will be given 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 tuition rate, provided the total number of credit hours, including credits assigned to audited courses, do not exceed 18. Otherwise, tuition will be charged at the prevailing, per-credit-hour rate.

#### **CLASS ATTENDANCE**

The basis of the educational process at NSU presumes a continuous, close-working relationship between instructor and student. Therefore, students are expected to attend class regularly. Specific requirements are established by each instructor and are communicated either at the first class meeting or in the syllabus. The administration will support the instructor's attendance requirements. The student is responsible for the academic consequences of absences from class.

Students who miss class must let the instructor know that they are going to be absent before the class meets. Students who miss class because of an illness or other emergency should see or call the instructor as soon as possible and arrange to make up the work.

#### **REQUIREMENTS FOR GRADUATION**

All degree-seeking students must complete the minimum credits as designated for the chosen major and must have matriculated. The following criteria are also required:

1. Admission as a degree-seeking candidate in one of the majors
2. Completion of general education, specialty, and elective requirements as specified by the major program
3. Completion of major requirements as specified
4. Attainment of a 2.0 cumulative grade point average (2.5 in education)
5. Attainment of a 2.25 grade point average (2.5 in education) in the major area
6. Attainment of a 2.25 grade point average (2.5 in education) in minors, if selected or required by program
7. Completion, at NSU, of at least 30 credits (not including CLEP, proficiency examinations, or 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 experiential learning credits)

9. Submission of a Degree Application Form and payment of the diploma fee prior to completing registration for the last semester

10. Fulfillment of all obligations to the library, the student's program, and the comptroller's office

#### **GRADUATION WITH HONORS**

A student eligible for graduation with a cumulative grade point average of 3.8 or higher who has 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 distinction if they have maintained at least a 3.8 GPA in all course work accepted toward their degree program at NSU.

Degree candidates must complete all of the requirements as specified above.

#### **INTERRUPTION OF STUDIES**

Students who enroll at NSU are eligible for graduation once they meet the program requirements listed in the university catalog in effect when they entered NSU. When there is a major break in attendance (one calendar year from the end of the last semester enrolled), the students will then have to meet the requirements of the university catalog in effect when they return to NSU, or as agreed on by the academic program director and the student.

#### **MAJORS**

The following majors are available to students in the College of Career Development:

- Accounting
- Administrative Studies
- Applied Professional Studies
- Business Administration
- Computer Information Systems
- Computer Science
- Early Childhood Education
- Elementary Education
- Exceptional Education
- General Studies
- Hospitality Management
- Legal Assistant Studies
- Legal Studies (prelaw)
- Middle School Science Education
- Professional Management
- Psychology

NSU can teach you what you need to know, to get you where you want to go in the workplace of the future.



## BEHAVIORAL SCIENCES

The bachelor of science degree is offered through the Department of Behavioral Sciences with the following majors:

- Applied Professional Studies**
- Legal Assistant Studies**
- Psychology**

### APPLIED PROFESSIONAL STUDIES MAJOR

The applied professional studies major 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. This program allows students to select courses that best fit their career plans.

To be able to enroll in this major, a student must:

1. Have a minimum of 45 transfer credits.
2. Have completed an 18-credit concentration before coming to Nova Southeastern University.
3. Submit a rationale for acceptance into this program explaining his or her educational and career goals.

### APPLIED PROFESSIONAL STUDIES REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
TECH 1110 Technology in the Information Age	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
PSYC Elective	3
Liberal Arts Elective	3

### General Education Specified Electives **9**

Choose one course from two of the following areas:

<b>Ethical Issues</b>	
PHIL 3210 Ethics	3
BUSS 4100 Business Ethics	3
<b>Environmental Issues</b>	
GEOG/PHYS 2260 Conservation of Natural Resources	3

## PROGRAMS OF STUDY

BIOL/PHYS 1040 Environmental Studies	3
BIOL 2220 Marine Biology	
<b>International and Cross-Cultural Issues</b>	
BUSS 3550 Introduction to International Business	3
HIST 2250 The Pacific Rim	3
HIST 2130 The Formation of Latin America	3
SOCL 3110 Women and Society: Cross-Cultural Perspectives	3

### Concentration I (transferred) **18**

### Concentration II (taken at Nova Southeastern University) **18**

- Business Concentration
- Computer Studies Concentration
- Legal Assistant Studies Minor (24 credit hours)
- Legal Studies Minor
- Psychology Concentration
- Speech-Language Pathology Minor
- Substance Abuse Studies Minor
- Gender Studies Minor

### OPEN ELECTIVES **39**

### TOTAL DEGREE REQUIREMENTS **120**

### LEGAL ASSISTANT STUDIES MAJOR

The legal assistant studies major is approved by the American Bar Association, which has defined a legal assistant or paralegal as “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 legal assistant studies major provides academic and practical training for students who wish to pursue this growing career. The major is also recommended for students who are pursuing business, teaching, and other law-related careers, and for those who want to understand our legal system and enhance their legal knowledge and skills.

### PROGRAM OBJECTIVES

The objectives of the Legal Assistant Studies Program are to:

- provide students with a broad-based education in both liberal arts and legal assistant studies
- provide legal assistant courses that enable students to obtain substantive legal knowledge; to develop analytical skills; and to

apply the knowledge they have learned to tasks routinely performed by legal assistants

- be responsive in course offerings to the needs of legal assistants and attorneys
- ensure that students are familiar with the ethical guidelines for legal assistants
- provide students with the opportunity to take computer courses with software that is used in most offices dealing with law-related issues
- familiarize students with the legal assistant profession and the opportunities that are available to them upon completion of the program

### LEARNING OUTCOMES

A successful legal assistant studies graduate is expected to:

- 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
- use critical-thinking skills to analyze and evaluate relevant facts and supporting material
- use communication and interpersonal skills to effectively interact with clients, attorneys, judges, court personnel, and coworkers
- categorize, organize, prioritize, and evaluate complex factual and legal issues
- use legal-research skills to research and find statutes, cases, and other primary source material, and to draft legal documents

### LEGAL ASSISTANT STUDIES REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
HUMN Electives	6
BIOL/CHEM/PHYS Electives	6
Liberal Arts Electives	6
SOCL Electives	3

### PROGRAM REQUIREMENTS **6**

PHIL 3210 Ethics	3
TECH 1110 Technology in the Information Age	3

### MAJOR REQUIREMENTS **42**

LEGS 1150 Introduction to Law and the Legal Profession	3
LEGS 2210 Computer Applications for the Legal Profession	3
LEGS 2400 Business Relations and Organizations	3
LEGS 3050 Criminal Law and Procedure	3
LEGS 3100 Legal Research and Writing I	3
LEGS 3260 Real Estate Practice I	3
LEGS 3300 Torts and Civil Litigation	3
LEGS 3360 Wills, Trusts, and Estates I	3
LEGS 3550 Family Law	3
LEGS 4110 Legal Research and Writing II	3
LEGS 4270 Real Estate Practice II	3
LEGS 4310 Advanced Litigation	3
LEGS 4370 Wills, Trusts, and Estates II	3
LEGS 4410 Corporate Regulation and Change	3

### MAJOR ELECTIVES **9**

<i>(choose three courses)</i>	
LEGS 4060 Debtor and Creditor Relations	3
LEGS 4470 Emerging Technologies and the Legal Profession	3
LEGS 4510 Special Topics	3
LEGS 4560 Elder Law	3
INTN 3820 Internship I in Legal Assistant Studies	3
INTN 3920 Internship II in Legal Assistant Studies	3
COOP 3820 Cooperative Education I in Legal Assistant Studies	3
COOP 3920 Cooperative Education II in Legal Assistant Studies	3

### OPEN ELECTIVES **27**

### TOTAL DEGREE REQUIREMENTS **120**

## 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.

### LEARNING OUTCOMES

A successful psychology graduate is expected to:

1. Demonstrate knowledge of basic theories and associated principles that contribute to the knowledge base of psychology. These theories and associated principles fall into the areas of:
  - personality
  - human development
  - learning
  - cognition
  - group process and social influence
  - biological influences on human functioning
  - abnormal behavior and its treatment
2. Recognize and explain the scientific methods used to generate information in the field
3. Locate information in the field and critically evaluate this information
4. Apply basic theories and principles to significant areas of human activities
5. Conduct original research work and/or beginning-level human service work

Students planning to work in the mental health field are encouraged to take Abnormal Psychology, a counseling course, Behavior Modification, Tests and Measurements, and at least one substance abuse studies course. Students who plan to take the GRE and/or plan to enter a doctoral program should take Experimental Psychology, Tests and Measurements, History and Theories of Psychology, and as many of the foundation courses as possible. Students who are hoping to become substance abuse counselors should take the substance abuse specialty courses.

Students majoring in psychology may also qualify for entrance into NSU's Master's of Occupational Therapy Program. Students interested in this career objective should work closely with their academic advisor to ensure that proper prerequisites are met.

Students unsure 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. Departmental advisors will help students design individual courses of study that will help them meet their career goals.

**PSYCHOLOGY MAJOR REQUIRED DISTRIBUTIONS**

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
TECH 1110 Technology in the Information Age	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
Liberal Arts Electives	6

**PROGRAM REQUIREMENTS 6**

PSYC 1020 Introduction to Psychology	3
SOCL Electives	3

**MAJOR REQUIREMENTS 12**

PSYC 3000 Research Methods	3
PSYC 3110 Interpersonal Communication	3
PSYC 4800 Research Practicum	
<b>OR</b>	
PSYC 4810 Practicum in Community Psychology	3
PSYC 4840 Advanced Practicum	
<b>OR</b>	
PSYC 4880 Senior Seminar	3

**FOUNDATION COURSES 12**

Select at least four courses from the following foundation courses:

PSYC 2350 Human Life Span Development	3
PSYC 3160 Issues in Social Psychology	3
PSYC 3210 Personality	3
PSYC 3510 Human Learning and Cognition	3
PSYC 4600 Biological Basis of Behavior	3

**PSYCHOLOGY OPEN ELECTIVE COURSES 12**

Select at least four psychology (PSYC) courses after consulting an advisor. These may be additional foundation courses or specialty courses. The specialty courses are listed below:

PSYC 1640 Current Perspectives in Substance Abuse	3
PSYC 2110 Human Sexuality	3
PSYC 2130 Family Relationship Skills	3
PSYC 2390 Adulthood and Aging	3
PSYC 2450 Forensic Psychology	3
PSYC 2460 Health Psychology	3
PSYC 2470 Loss, Grief, and Bereavement	3
PSYC 2500 Psychology of Leadership	3
PSYC 3030 Experimental Psychology	3
PSYC 3260 Abnormal Psychology	3
PSYC 3300 Behavior Modification	3
PSYC 3360 Psychology of Women	3
PSYC 3450 Interviewing	3
PSYC 3500 Community Psychology	3
PSYC 3550 Substance Abuse and the Family	3
PSYC 3570 The Psychology and Physiology of Substance Abuse	3
PSYC 3580 Rehabilitation Strategies for Substance Abuse	3
PSYC 3600 Criminal Justice and Substance Abuse	3
PSYC 3620 Drug Prevention and Education	3
PSYC 3630 Professional Development in Substance Abuse	3
PSYC 3710 History and Theories of Psychology	3
PSYC 3760 Multicultural Issues in Psychology	3
PSYC 3800 Current Psychotherapies	3
PSYC 4050 Psychological Tests and Measurements	3
PSYC 4150 Group Counseling	3
PSYC 4830 Practicum in Substance Abuse Treatment	3

**OPEN ELECTIVES 42**

**TOTAL DEGREE REQUIREMENTS 120**

**MINORS IN BEHAVIORAL SCIENCES**

**Criminal Justice Minor**

The 18-credit-hour 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.

All students minoring in criminal justice take the following required classes:

CRJU 2200 Criminal Law and Procedure	
CRJU 2300 Introduction to Law Enforcement	
CRJU 3000 The Criminal Justice System	
CRJU 3200 Correctional Theory and Practice	
	12 credit hours

Students select two of the following three classes:

PSYC 2450 Forensic Psychology	
PSYC 3600 Criminal Justice and Substance Abuse	
PSYC 3760 Multicultural Issues in Psychology	
	6 credit hours
	18 total credit hours

Students should be aware that some minor courses are offered only in the evening or on weekends.

**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 relating to working as a mental health professional; legal standards relating to testifying as an expert witness; methods of forensic evaluation; strategies for testifying as an expert; methods of profiling serial killers; 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.

To earn a minor in forensic psychology, students must complete PSYC 2450: Forensic Psychology, and at least five of the following courses:

ADRB 2000 Introduction to Dispute Resolution	
PSYC 2800 Introductory Practicum	
PSYC 3260 Abnormal Psychology	
PSYC 3600 Criminal Justice and Substance Abuse	
PSYC 4810 Practicum in Community Psychology (NOTE: only forensic sites qualify)	

CRJU 2200/LEGS 3050 Criminal Law and Procedure  
CRJU 3000 The Criminal Justice System  
OR  
CRJU 3200 Correctional Practice and Theory  
18 total credit hours

### Legal Assistant Studies Minor

The legal assistant studies minor is appropriate for students pursuing legal assistant or other law-related careers or businesses and for others who desire to understand the U. S. legal system and enhance their legal knowledge and skills.

All students minoring in legal assistant studies take the following required classes:

LEGS 1150 Introduction to Law and the Legal Profession  
LEGS 2210 Computer Applications for the Legal Profession  
LEGS 2400 Business Relations and Organizations  
LEGS 3050 Criminal Law and Procedure  
LEGS 3100 Legal Research and Writing I  
LEGS 3300 Torts and Civil Litigation  
18 total credit hours

Students select two of the following three classes:

LEGS 3260 Real Estate Practice I  
LEGS 3360 Wills, Trusts, and Estates I  
LEGS 3550 Family Law  
6 credit hours  
24 total credit hours

*Students should be aware that some minor courses are offered only in the evening or on weekends.*

### Psychology Minor

The 18-credit-hour minor in psychology 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.

All students minoring in psychology take the following required classes:

PSYC 1020 Introduction to Psychology  
PSYC 3110 Interpersonal Communication  
6 credit hours

Students select at least two of the following six classes:

PSYC 2350 Life Span Development  
PSYC 3000 Psychological Research Methods  
PSYC 3160 Issues in Social Psychology  
PSYC 3210 Personality  
PSYC 3510 Human Learning and Cognition  
PSYC 4600 Biological Bases of Behavior  
6 credit hours

*With assistance from an academic advisor or faculty mentor, students select two psychology elective courses (these can include additional classes from the list above):*

6 credit hours  
18 total credit hours

**Note:** At least three of the six psychology classes must be 3000 or 4000 level courses.

### Speech-Language Pathology Minor

The 18-credit-hour minor in speech-language pathology provides students with a basic understanding of communication sciences and disorders. All students minoring in speech-language pathology take the following required three-credit classes:

CSAD 2000 Introduction to Hearing, Speech, and Language  
CSAD 3010 Phonetics  
CSAD 3020 Anatomy and Physiology of Speech and Hearing Mechanism  
CSAD 3030 Speech and Language Development  
CSAD 3040 Neuroanatomy  
CSAD 3050 Hearing and Speech Science  
*Students should be aware that some minor courses are offered only in the evening or on weekends.*

### Substance Abuse Studies Minor

This 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 any students who feel that the knowledge base provided in this program will be useful to them in their careers (management, teaching, etc.)

The substance abuse studies minor includes six core and two counseling courses:

PSYC/EDUC 3620 Drug Prevention and Education  
PSYC/SOCL 3550 Substance Abuse and the Family  
PSYC 3600 Criminal Justice and Substance Abuse  
PSYC 3570 Psychology and Physiology of Substance Abuse  
PSYC 3580 Rehabilitation Strategies in Substance Abuse Treatment  
PSYC 3630 Ethical and Professional Development in Substance Abuse  
PSYC 3800 Current Psychotherapies  
PSYC 4150 Group Counseling  
PSYC 4830 Practicum in Substance Abuse and Treatment \*\*  
\*\* optional

*Students should be aware that some minor courses are offered only in the evening or on weekends.*

## CERTIFICATE PROGRAMS IN BEHAVIORAL SCIENCES

### Legal Assistant Studies Certificate Program

The legal assistant studies certificate is a postbaccalaureate program for those who have an interest in pursuing legal assistant or other law-related careers. It also is appropriate for those pursuing a business career and for others who desire to understand the U. S. legal system and enhance their legal knowledge and skills.

Students take the following required courses:

LEGS 1150 Introduction to Law and the Legal Profession  
LEGS 2210 Computer Applications for the Legal Profession\*  
LEGS 2400 Business Relations and Organizations  
LEGS 3050 Criminal Law and Procedure  
LEGS 3100 Legal Research and Writing I  
LEGS 3300 Torts and Civil Litigation  
18 credit hours

Students select two of the following three classes:

LEGS 3260 Real Estate Practice I  
LEGS 3360 Wills, Trusts, and Estates I  
LEGS 3550 Family Law  
6 credit hours  
24 total credit hours

*Students should be aware that some courses are offered only in the evening or on weekends.*

*\*This course requires computer literacy. TECH 1110 Technology in the Information Age is a prerequisite for those entering the certificate program without a college-level computer course.*

### Substance Abuse Studies Certificate Program

NSU is listed as a single-source provider by the Certification Board for Addictions Professionals in Florida (CBAPF). The certificate



program in substance abuse studies prepares students for certification from the Certification Board for Addiction Professionals SS #02. The program is designed so interested applicants will be able to pursue certification without interrupting their present careers.

The CBAPF has three specialty areas for certification: Certified Addictions Professional (CAP), Criminal Justice Addiction Professional (JAP), and Certified Addiction Prevention Professional (CAAP). NSU is the only single source provider in Florida that offers classes in all three specialty areas.

The substance abuse studies certificate includes six core and two counseling courses:

- PSYC/EDUC 3620 Drug Prevention and Education
- PSYC/SOCL 3550 Substance Abuse and the Family
- PSYC 3600 Criminal Justice and Substance Abuse
- PSYC 3570 Psychology and Physiology of Substance Abuse
- PSYC 3580 Rehabilitation Strategies in Substance Abuse Treatment
- PSYC 3630 Ethical and Professional Development in Substance Abuse
- PSYC 4100 Individual Counseling
- PSYC 4150 Group Counseling
- PSYC 4830 Practicum in Substance Abuse and Treatment \*\*

\*\* optional

*Students should be aware that these courses are offered only in the evening or on weekends.*

## BUSINESS AND ADMINISTRATIVE STUDIES

The bachelor of science degree is offered through the Department of Business and Administrative Studies with the following majors:

- Accounting**
- Administrative Studies**
- Business Administration**
- Hospitality Management**
- Professional Management**

### LEARNING OUTCOMES

The successful graduate of the Department of Business and Administrative Studies is expected to:

- think critically in terms of conceptualizing issues, analyzing data, and articulating and defending conclusions
- demonstrate professional verbal and written communication skills in an organizational context
- demonstrate an ability to formulate organizational strategies
- recognize the value of, and demonstrate an ability to make, ethical and socially responsible decisions
- demonstrate an understanding of the impact of emerging technologies and use them appropriately to gather, process, and present information
- demonstrate an understanding of the legal and regulatory issues in an organizational context
- use quantitative skills effectively to solve applied business problems
- use interpersonal skills effectively at the individual, group, and organizational levels
- demonstrate an understanding of the interaction between business and the global economy
- demonstrate an understanding of increasingly diverse organizational, national, and international cultures

## ETHICS ACROSS THE CURRICULUM POLICY

The business and administrative studies faculty believes that a socially responsible institution should not limit the study of ethical issues only to several courses, 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 our academic programs. They believe that by incorporating the study of ethics throughout the curriculum, students will find an additional relevance and reality to their studies and that this focus on ethics will help them to become more responsible and productive citizens, as well as exemplary alumni of NSU.

### ACCOUNTING MAJOR

The accounting major is offered for students who wish to pursue a career in accounting. The major also serves 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. Nova Southeastern University offers a master's degree designed to satisfy the additional CPA requirements.

Students are cautioned to plan their schedules carefully since the upper-division accounting courses are offered only once per year.

### ACCOUNTING REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
PSYC Elective	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
Liberal Arts Electives	6

### PROGRAM REQUIREMENTS

	<b>9</b>
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
TECH 1110 Technology in the Information Age	3

### MAJOR REQUIREMENTS

	<b>57</b>
ACCT 2100 Managerial Accounting	3
ACCT 2200 Financial Accounting I	3
ACCT 3030 Product and Service Costing	3
ACCT 3050 Financial Accounting II	3
ACCT 3060 Financial Accounting III	3
ACCT 3110 Federal Taxation I	3
ACCT 3120 Federal Taxation II	3
ACCT 4010 Financial Accounting IV	3
ACCT 4050 Accounting Information Systems	3
ACCT 4210 Auditing	3
BUSS 2150 Business Law I	3
BUSS 3550 Introduction to International Business	3
BUSS 4090 Quantitative Methods	3
BUSS 4880 Business Strategy and Policy	3
TECH 2130 Business Applications of Microcomputers	3
FINC 3010 Corporation Finance	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3
Business Elective (Electives in business are limited to courses with an ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.)	3

<b>OPEN ELECTIVES</b>	<b>18</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

## ADMINISTRATIVE STUDIES MAJOR

The administrative studies major is offered for students who plan to have careers as management practitioners and who need a general degree to prepare for a wide range of career opportunities. It is also appropriate for students who are transferring large blocks of credit from other disciplines.

### ADMINISTRATIVE STUDIES REQUIRED DISTRIBUTIONS

#### General Education Requirements 36

LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
PSYC Elective	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
Liberal Arts Electives	6

#### PROGRAM REQUIREMENTS 9

ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
TECH 1110 Technology in the Information Age	3

#### MAJOR REQUIREMENTS 33

ACCT 2100 Managerial Accounting	3
BUSS 2150 Business Law I	3
BUSS 3100 Small Business Management	3
BUSS 3550 Introduction to International Business	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
FINC 3010 Corporation Finance	3
MGMT 2050 Principles of Management	3
MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3

#### OPEN ELECTIVES 42

#### TOTAL DEGREE REQUIREMENTS 120

## BUSINESS ADMINISTRATION MAJOR

The business administration major and related minors are offered for students who are already employed and who need a specialized bachelor's degree and/or minor for advancement or possible career shift. Students who intend to enter the business field or plan to attend graduate school and want a strong academic base for study in business, computer science, law, or other related fields should also consider this degree.

### BUSINESS ADMINISTRATION REQUIRED DISTRIBUTIONS

#### General Education Requirements 36

LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
PSYC Elective	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
Liberal Arts Electives	6

#### PROGRAM REQUIREMENTS 9

ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
TECH 1110 Technology in the Information Age	3

#### MAJOR REQUIREMENTS 42

ACCT 2100 Managerial Accounting	3
ACCT 2200 Financial Accounting I	3
BUSS 2150 Business Law I	3
BUSS 3100 Small Business Management	3
BUSS 3550 Introduction to International Business	3
BUSS 4090 Quantitative Methods	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
FINC 3010 Corporation Finance	3
MGMT 2050 Principles of Management	3
MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3
TECH 2130 Business Applications of Microcomputers	3

#### MINOR REQUIREMENTS 15

See "Minors in Business Administration" below.

#### OPEN ELECTIVES 18

#### TOTAL DEGREE REQUIREMENTS 120

### MINORS IN BUSINESS ADMINISTRATION

The Department of Business and Administrative Studies offers seven minor programs of study. Course work does not duplicate an associate degree in this area and does not preclude associate-level credits from being transferred to this program. Students can complete this specialty in conjunction with a major concentration to earn a B. S. degree, or they can complete the specialty without seeking a degree.

#### Banking and Finance Minor

This minor is designed for students who are employed or who would like to pursue a career with financial institutions.

The following courses are required for this specialty (prerequisites: ACCT 2100, ECON 2010, ECON 2020, and FINC 3010):

ECON 3210 Monetary Theory and Policy
ECON 4210 Business Cycles and Forecasting

OR

FINC 4550 International Finance and Banking
FINC 3110 Financial Management
FINC 3150 Banking and Financial Institutions
FINC 4110 Principles of Investment

#### Computer Applications Minor

This minor is designed for students who are or would like to be employed in the field of business data processing and who would like to augment a business major with a concentration in the rapidly expanding field of computer technology.

The following courses are required for this specialty (prerequisites: ACCT 2100, MATH 1030 or higher):

BUSS 4100 Business Ethics
CSIS 3010 Organization of the Computer Environment
MGMT 3660 Management Information Systems
TECH 2130 Business Applications of Microcomputers
TECH 2150 Introduction to Internet Resources
TECH 4050 Business Data Communication

### 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.

The following courses are required for this minor (prerequisites: MGMT 2050, MGMT 4170):

MGMT 4050 Organizational Development and Change  
MGMT 4160 Personnel Administration  
MGMT 4250 Strategic Human Resource Management  
MGMT 4300 Managing Cultural Diversity  
MGMT 4450 Labor Relations and Negotiations  
MGMT 4910-4990 Advanced Special Topics

### International Business Minor

This minor reflects South Florida's role in international trade. Students employed by or desiring employment in multinational companies, exporters, importers, freight forwarders, customs brokers, transportation firms, wholesalers, or manufacturers should choose this minor.

The following courses are required for this minor (prerequisites: ACCT 2100, ECON 2010, ECON 2020, FINC 3010, MGMT 2050, and MRKT 3050):

BUSS 3550 Introduction to International Business  
ECON 3550 International Economics  
FINC 4550 International Finance and Banking  
MGMT 3550 International Management  
MRKT 3530 International Marketing  
MRKT 4550 Export/Import Marketing

### Management Minor

This minor is designed for students who hold a management position or who would like to pursue a career in management.

The following courses are required for this minor (prerequisites: BUSS 3550, MGMT 2050):

BUSS 3020 Business Communication  
BUSS 3100 Small Business Management  
BUSS 4100 Business Ethics  
BUSS 4620 Management Applied Project  
MGMT 3550 International Management  
MGMT 4300 Managing Cultural Diversity

### Marketing Minor

This minor is designed for students who are employed in the fields of advertising, sales, promotion, retailing, wholesaling, or related areas or those who would like to pursue a career in marketing.

The following courses are required for this minor (prerequisite: MGMT 4170):

MRKT 3050 Marketing Principles and Applications  
MRKT 3100 Marketing Services  
MRKT 3530 International Marketing  
MRKT 4210 Marketing Communication Strategies  
MRKT 4350 Service Quality Management  
MRKT 4710 Marketing Strategy

### Organizational Management Minor

The business department offers this minor to students who are not pursuing a business major and provides the non-business major an opportunity to take 18 credits in generic management courses.

The following courses are required for this minor:

BUSS 1010 Introduction to Business  
ECON 2010 Principles of Macroeconomics  
MGMT 2050 Principles of Management  
MGMT 4160 Personnel Administration  
MGMT 4170 Organizational Behavior  
MRKT 3050 Marketing Principles and Applications

## HOSPITALITY MANAGEMENT MAJOR

The hospitality management major is designed for students who desire advanced management skills in the hospitality field, including administration, marketing, human resources, food and beverage, front office, housekeeping, and accounting operations. Students include those who are already employed in the field and want to move into management as well as those who want to prepare for entry into the field of hospitality management.

### HOSPITALITY MANAGEMENT REQUIRED DISTRIBUTIONS

General Education Requirements	36
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
PSYC Elective	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
Liberal Arts Electives	6

### PROGRAM REQUIREMENTS 9

ECON 2010 Principles of Macroeconomics	3
HMG 4020 Ethics in Hospitality Management	
<b>OR</b>	
BUSS 4100 Business Ethics	3
TECH 1110 Technology in the Information Age	3

### MAJOR REQUIREMENTS 45

ACCT 2100 Managerial Accounting	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
FINC 3010 Corporation Finance	3
HMG 3060 Hospitality and Business Law	3
HMG 3130 Hospitality Human Resource Development	3
HMG 3300 Food and Beverage Operations	3
HMG 3500 International Operations Management	3
HMG 3600 Hospitality, Tourism, Sport, and Entertainment Law	3
HMG 3820 The Tourism System	3
HMG 4500 Hospitality/Tourism Practicum	3
MGMT 2050 Principles of Management	3
MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MRKT 3050 Marketing Principles and Applications	3

### MINOR REQUIREMENTS 15

See "Minors in Hospitality Management" below.

### OPEN ELECTIVES 15

### TOTAL DEGREE REQUIREMENTS 120

## MINORS IN HOSPITALITY MANAGEMENT

The four-year hospitality management curriculum requires all students to take an 18-credit minor in addition to their major.

The minor may be chosen from among the business minors, which include: banking and finance, computer applications, human resource management, international business, management, marketing, and organizational management. Students may also choose to specialize in an area of hospitality and tourism by taking a minor in food industry management or tourism management.

### Food Industry Management Minor

HMGT 3310 Nutrition and Sanitation  
 HMGT 3300 Food and Beverage Operations  
 HMGT 3350 Volume Food Management  
 HMGT 4310 Restaurant Management Seminar  
 HMGT 4350 Food and Beverage Purchasing/Control  
 HMGT 4370 Food Facilities Design

### Tourism Management Minor

HMGT 3820 The Tourism System  
 HMGT 3830 Public Tourism and Cultural Events  
 HMGT 3860 The Cruise Attraction  
 HMGT 4840 Special Interests and Ecotourism  
 HMGT 4850 Theme Parks and Entertainment Attractions  
 HMGT 4860 Convention/Event Planning Management

## PROFESSIONAL MANAGEMENT MAJOR

The professional management major is an upper-level, degree completion program designed for people working in technical or professional fields who are advancing into supervisory and management positions. Holders of the community college associate degree or students who hold at least 30 college-level credits or the equivalent are eligible to join the Bachelor's in Professional Management (BPM) Program. Sixty-six semester hours of credit in management, behavioral science, computers, and humanities are offered in lockstep fashion to a cluster of 20-25 students. Courses are scheduled to meet the needs of the working student.

The BPM Program is offered on campus and at off-campus locations, as well as through BPM Online, a Web-based program that allows students to complete the entire degree via electronic delivery. Students must have at least 45 college-level credits to be eligible for the online program. The program is described more completely on the BPM Online Web site at <http://www.polaris.nova.edu/Business/online>.

### PROFESSIONAL MANAGEMENT REQUIRED DISTRIBUTIONS

**Freshman and Sophomore Requirements** 60

*(Earned outside the cluster program)*

**Liberal Arts Electives** 15

**General Electives** 45

**General Education Requirements** 21

ARTS 2300 Art and Society (1) 3  
 BIOL 1040 Environmental Studies 3  
 HUMN 3510 The American Experience in Literature (1) 3  
 LANG 2150 Argumentative Writing 3  
 LANG 3120 Public Communication for the Professions 3  
 MATH 1030 Intermediate Algebra 3  
 PSYC 3110 Interpersonal Communication (2) 3

### Management Core Requirements 30

ACCT 2100 Managerial Accounting 3  
 BUSS 4610 Business Research Methods (3) 3  
 BUSS 4880 Business Strategy and Policy 3  
 ECON 2010 Principles of Macroeconomics 3  
 FINC 3010 Corporation Finance 3  
 MATH 3020 Applied Statistics 3  
 MGMT 2050 Principles of Management 3  
 MGMT 4170 Organization Behavior 3  
 MRKT 3050 Marketing Principles and Applications 3  
 TECH 1110 Technology in the Information Age 3  
 (1): ARTS 2300 or HUMN 3510 required in accounting specialty, hospitality management specialty, and legal assistant specialty.  
 (2): PSYC 3110 not required in legal assistant specialty.  
 (3): accounting specialty takes MGMT 4160.

### SPECIALTIES IN PROFESSIONAL MANAGEMENT

The professional management major is offered with options for the following specialties: accounting, banking and finance, business, computer applications, criminal justice, customer service, fire science administration, health care services, hospitality management, legal assistant studies, and public administration.

#### Accounting

The specialty in accounting provides students with 21 credits in practical accounting and a general management degree. The curriculum is designed for students who are employed in the accounting field or who are looking for careers in accounting.

**Freshman and Sophomore Requirements** 60

**General Education Requirements** 18

**Management Core Requirements** 30

**Accounting Core Requirements** 18

ACCT 2200 Financial Accounting I 3  
 ACCT 3030 Product and Service Costing 3  
 ACCT 3050 Financial Accounting II 3  
 ACCT 3060 Financial Accounting III 3  
 ACCT 4050 Accounting Information Systems 3  
 ACCT 3110 Federal Taxation I 3

OR

ACCT 4210 Auditing 3

**TOTAL DEGREE REQUIREMENTS** 126

#### Banking and Finance

The specialty in banking and finance is designed for students who are employed by banks, savings and loan associations, brokerage houses, credit unions, and finance companies or those who would like to pursue a career with financial institutions.

**Freshman and Sophomore Requirements** 60

**General Education Requirements** 21

**Management Core Requirements** 30

**Banking and Finance Core Requirements** 15

BUSS 4620 Management Applied Project 3  
 ECON 3210 Monetary Theory and Policy 3  
 ECON 4210 Business Cycles and Forecasting 3  
 FINC 3150 Banking and Financial Institutions 3  
 FINC 4110 Principles of Investment 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Business**  
The specialty in business is applicable to people who are pursuing careers in general business and management.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 21  
**Management Core Requirements** 30

**Business Core Requirements** 15  
BUSS 4620 Management Applied Project 3  
BUSS 3020 Business Communications 3  
BUSS 3550 Introduction to International Business 3  
MGMT 4150 Legal Environment of Management 3  
MGMT 4160 Personnel Administration 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Computer Applications**  
The specialty in computer applications is designed for students interested in the use of computers in decision making, information management, and office automation.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 21  
**Management Core Requirements** 30

**Computer Applications Core Requirements** 15  
BUSS 4620 Management Applied Project 3  
MGMT 3660 Management Information Systems 3  
TECH 1160 Advanced Microcomputer Applications 3  
TECH 2130 Business Applications of the Microcomputer 3  
TECH 3750 Current Issues in Information Management 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Criminal Justice**  
The specialty in criminal justice is designed for students who want a management major plus a general grounding in the field of criminal justice. Typical students may already work in the criminal justice field and want to supplement their practical knowledge with professional work in management.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 21  
**Management Core Requirements** 30

**Criminal Justice Core Requirements** 15  
BUSS 4620 Management Applied Project 3  
CRJU 2200 Criminal Law and Procedure 3  
CRJU 2300 Introduction to Law Enforcement 3  
CRJU 3000 The Criminal Justice System 3  
CRJU 3200 Correctional Theory and Practice 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Customer Service**  
The specialty in customer service is designed for students who seek management careers in a heavily customer-service-oriented environment.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 21  
**Management Core Requirements** 30

**Customer Service Core Requirements** 15  
BUSS 4620 Management Applied Project 3  
MGMT 4150 Legal Environment of Management 3  
MRKT 2901 Special Topics: Customer Service Theory and Practice 3  
MRKT 2902 Special Topics: Public Relations 3  
MRKT 4310 Consumer Behavior 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Fire Science Administration**  
The specialty in fire science administration is designed for students currently working in the fire service and who wish to enhance their career opportunities through the study of fire science from a management perspective.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 21  
**Management Core Requirements** 30

**Fire Science Administration Core Requirements** 15  
BUSS 4620 Management Applied Project 3  
MGMT 3000 Fire Administration 3  
MGMT 3500 EMS Management 3  
MGMT 4000 Project Management 3  
MGMT 4500 Legal Aspects of Fire Administration 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Health Care Services**  
The specialty in health care services is designed for registered nurses and other health care professionals. The program enables students to draw from their specialized backgrounds and to develop professionally and personally. All nurses who have passed the licensing examination for registered nurses (RN) will receive a minimum of 45 credit hours for prior experience credit. Therapist and technician training will be assessed individually.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 21  
**Management Core Requirements** 30

**Health Care Services Core Requirements** 15  
BUSS 4620 Management Applied Project 3  
PHIL 3180 Biomedical Ethics 3  
MGMT 4010 Health Care Organization and Administration 3  
MGMT 4020 Legal Aspects of Health Care Administration 3  
SOCL 3020 Community Services System 3  
**TOTAL DEGREE REQUIREMENTS** 126

**Hospitality Management**  
The specialty in hospitality management prepares students for management positions in the hospitality, travel, and tourism industries.

**Freshman and Sophomore Requirements** 60  
**General Education Requirements** 18  
**Management Core Requirements** 30

**Hospitality Management Core Requirements** 18  
BUSS 4620 Management Applied Project 3  
HMGT 3130 Hospitality Human Resource Development 3  
HMGT 3300 Food and Beverage Operations 3  
HMGT 3500 International Operations Management 3  
HMGT 3600 Hospitality, Tourism, Sports, and Entertainment Law 3

HMG 3820 The Tourism System 3  
**TOTAL DEGREE REQUIREMENTS 126**

**Legal Assistant Studies**

The specialty in legal assistant studies provides the student with a management major and a professional foundation for working in law offices and legal institutions. Please note, this specialty has different management core requirements than the other specialties. The management core requirements for the specialty in legal assistant studies are listed below.

**Freshman and Sophomore Requirements 60**  
**General Education Requirements 21**

**Management Core Requirements 27**  
 ACCT 2100 Managerial Accounting 3  
 BUSS 4880 Business Strategy and Policy 3  
 ECON 2010 Principles of Macroeconomics 3  
 FINC 3010 Corporation Finance 3  
 MATH 3020 Applied Statistics 3  
 MGMT 2050 Principles of Management 3  
 MGMT 4160 Personnel Administration 3  
 MGMT 4170 Organization Behavior 3  
 MRKT 3050 Marketing Principles and Applications 3

**Legal Assistant Core Requirements 24**  
 LEGS 1150 Introduction to Law and the Legal Profession  
 LEGS 2210 Computer Applications for the Legal Profession  
 BUSS 3500 Business Relations and Organizations  
 LEGS 3050 Criminal Law and Procedure  
 LEGS 3100 Legal Research and Writing I  
 LEGS 3300 Torts and Civil Litigation  
*Select two of the following three classes:*  
 BUSS 4200 Real Estate Practice I  
 LEGS 3360 Wills, Trusts, and Estates I  
 LEGS 3550 Family Law  
**TOTAL DEGREE REQUIREMENTS 126**

**Public Administration**

The specialty in public administration is designed for students working in government or social service agencies or who aspire to begin careers in this area. The specialty is supported by courses specifically dealing with management in the public sector.

**Freshman and Sophomore Requirements 60**  
**General Education Requirements 21**  
**Management Core Requirements 30**

**Public Administration Core Requirements 15**  
 BUSS 4620 Management Applied Project 3  
 MGMT 3200 Public Administration 3  
 MGMT 4200 Administrative Law 3  
 MGMT 4210 Issues in Public Policy 3  
 POLS 1010 American Government and Politics 3  
**TOTAL DEGREE REQUIREMENTS 126**

**MINORS IN BUSINESS AND ADMINISTRATIVE STUDIES**

The Department of Business and Administrative Studies offers minors in the following areas: banking and finance, computer applications, food industry management, human resource management, international business, marketing, management, organizational management, and tourism.

Please see the sections on “Minors in Business Administration,” (pages 66-67) and “Minors in Hospitality Management” (pages 67-68) for specific course requirements.

**COMPUTER AND INFORMATION SCIENCES**

The bachelor of science degree is offered through the School of Computer and Information Sciences in the following areas:

**Computer Science**  
**Computer Information Systems**

**LEARNING OUTCOMES**

A successful graduate of the Department of Computer and Information Sciences is expected to:

- demonstrate understanding of the field of computing, both as an academic discipline and as a profession within the context of society
- demonstrate understanding of the body of theory that underlies the field of computing
- demonstrate knowledge of the essential elements of computer science
- apply knowledge of computing to specific problems and produce solutions
- demonstrate an appreciation for the ethical and societal issues associated with the computing field
- demonstrate the capability for staying current and, more generally, for achieving ongoing self-education in the computing discipline
- use current programming languages, software development tools, software systems, and commonplace computing platforms

**COMPUTER INFORMATION SYSTEMS MAJOR**

The computer information systems major prepares the student for a career in business applications as a programmer/analyst, systems analyst, or information center specialist. Emphasis is placed on programming languages, data structures, distributed data processing, software engineering, database management, and information systems organization. The computer information systems major is consistent with combined recommendations of a model information systems curriculum outlined by the Association for Computing Machinery and the Data Processing Management Association.

*NOTE: A grade of C- or better is required in all program and major requirements.*

**COMPUTER INFORMATION SYSTEMS REQUIRED DISTRIBUTIONS**

**General Education Requirements 36**  
 LANG 1500 College Writing I 3  
 LANG 2000 College Writing II 3  
 LANG 2010/2020/2030 3  
 MATH 3020 Applied Statistics 3  
 BIOL/CHEM/PHYS Electives 6  
 HUMN/LITR/ARTS/PHIL Electives 6  
 ARTS/BIOL/CHEM/COMM/ECON/GEOG/HIST/HUMN/LANG/LGST/  
 LITR/MATH/PHIL/PHYS/POLS/PSYC/SOCL Electives 9  
 PSYC Elective 3

<b>PROGRAM REQUIREMENTS</b>	<b>6</b>
MATH 1250 Trigonometry	3
TECH 1110 Technology in the Information Age	3
<b>MAJOR REQUIREMENTS</b>	<b>67</b>
CSIS 1400 Discrete Mathematics	3
CSIS 1600 Logic Design	3
CSIS 1900 Computer Programming I	4
CSIS 2200 Business Oriented Language (COBOL)	4
CSIS 2410 Assemblers and Assembly Language Programming	4
CSIS 2950 Computer Programming II	4
CSIS 3010 Organization of the Computer Environment	3
CSIS 3250 Networks and Data Communication	3
CSIS 3400 Data Structures	4
CSIS 3750 Software Engineering	4
CSIS 4310 Distributed Data Processing	4
CSIS 4530 Database Management	3
CSIS Electives (3000 level or above)	15
Other Electives (limited to ACCT, BUSS, ECON, FINC, MGMT, MRKT)	9
<b>OPEN ELECTIVES</b>	<b>12</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>121</b>

### COMPUTER SCIENCE MAJOR

The computer science major includes the systematic study of algorithms and data structures. The curriculum is consistent with the Association for Computing Machinery recommendations for model curriculums in computer science. The curriculum integrates theory, abstraction, and design to bridge the gap between hardware and software issues. The computer science major encompasses software engineering, systems design, analysis of algorithms, and computer architecture. This concentration requires specific prerequisites and corequisites in mathematics, including discrete mathematics, differential and integral calculus, and probability and statistics.

*NOTE: A grade of C- or better is required in all program and major requirements.*

### COMPUTER SCIENCE REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 3020 Applied Statistics	3
HUMN/LITR/ARTS/PHIL Electives	6
ARTS/BIOL/CHEM/COMM/ECON/GEOG/HIST/HUMN/ LANG/LGST/LITR/MATH/PHIL/PHYS/POLS/PSYC/SOCL Electives	15
PSYC Elective	3

### PROGRAM REQUIREMENTS

MATH 2100 Calculus I	4
MATH 2200 Calculus II	4
PHYS 2400 Physics I with Lab	4
PHYS 2500 Physics II with Lab	4
TECH 1110 Technology in the Information Age	3

### MAJOR REQUIREMENTS

CSIS 1400 Discrete Mathematics	3
CSIS 1600 Logic Design	3
CSIS 1900 Computer Programming I	4
CSIS 2410 Assemblers and Assembly Language Programming	4
CSIS 2950 Computer Programming II	4
CSIS 3110 Foundations of Computer Science	4
CSIS 3250 Networks and Data Communications	3
CSIS 3400 Data Structures	4
CSIS 3530 Introduction to Artificial Intelligence	3

CSIS 3750 Software Engineering	4
CSIS 3810 Operating Systems Concepts	3
CSIS 4050 Computer Architecture	3
CSIS 4600 Systems Programming	4
CSIS 4610 Design and Analysis of Algorithms	3
CSIS Electives (3000 level or above)	15
<b>OPEN ELECTIVE</b>	<b>3</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>122</b>

## EDUCATION

The bachelor of science degree is offered through the Department of Education with the following major concentrations:

- Early Childhood Education
- Elementary Education
- Exceptional Education
- Middle School Science Education
- Secondary Education

### MISSION OF THE UNDERGRADUATE DEPARTMENT OF EDUCATION

All undergraduate teacher education programs at Nova Southeastern University (NSU) are proactive programs designed to address the current and future needs of classroom educators. It is the aim of the Undergraduate Department of Education to prepare its graduates to enter the teaching profession as developing professionals who are:

- sensitive to students' academic, social, and emotional needs
- knowledgeable about effective teaching practices and technologies
- responsive to the diverse needs of all students (particularly those of at-risk and special-needs learners)
- supportive of families and community involvement
- effective communicators
- thoughtful and reflective educators

Through specific course assignments and clinical field experiences in local schools and/or special settings and partnerships, all NSU undergraduate teacher education programs provide students multiple opportunities to develop mastery of the competencies identified by the Florida Department of Education for high-quality teacher education programs.

### MATRICULATION REQUIREMENTS FOR EDUCATION MAJORS

1. Students must comply with the admission requirements established by the Farquhar Center for the College of Career Development. Upon admission, students then declare themselves as intended education majors.
2. Students must earn a grade of C- or better in LANG 1500 and MATH 1030 or their equivalents.
3. Students must earn a grade of C or better in the required course, EDUC 1100 Exploration of the Education Profession.
4. Students will be assessed on a written essay titled, "Why I Want to Enter the Teaching Profession," which must meet the standards of proficiency of college-level writing, including style, content, and usage.
5. Students must earn a cumulative GPA of 2.5 in the first 12 credits earned as a pre-education candidate in courses taken at Nova

Southeastern University. EDUC 1100 Exploration of the Education Profession must be taken as part of the first 12 credits.

After completing the previously listed requirements, students may matriculate into the major after attempting 12 credits and must do so before accumulating 24 credits at Nova Southeastern University or be subject to departmental review.

Upon meeting the conditions of matriculation into the Undergraduate Department of Education, students will become education majors and will be notified by letter.

All matriculation appeals will be heard by the director of the Department of Education.

#### **BACKGROUND CHECK FOR CLINICAL FIELD EXPERIENCES**

All education courses include clinical experiences conducted in the field (within local classroom placements). Prior to participation in these clinical experiences in the public school systems, students may be required to undergo fingerprinting and a security clearance (background check). The procedures can vary from county to county, therefore, students at site locations should obtain information from their local county school district.

The Broward County Public School System has an established policy both for fingerprinting and a security clearance. Fingerprinting and the security clearance application must be completed before students can enter a classroom in Broward County public schools.

#### **INTERNSHIP**

The Internship Experience is the final phase of the NSU Undergraduate Teacher Education Program. This 16-week course includes evening seminar meetings and 14 weeks teaching in a local school. Students will be placed in a school site by the internship coordinator. Students will gradually assume full responsibility for teaching the class to which they are assigned.

Education Internship Program EDUC 4570 (Internship/Seminar) is offered each academic year in the fall and winter terms. EDUC 4570 is a required nine-hour course for all education specialties and must be completed at NSU to earn the degree. Since it is the terminal course for the degree, it cannot be transferred in, nor can experience be substituted to satisfy this requirement.

#### **Internship Application**

It is the student's responsibility to obtain, complete, and return an initial application. The form is available in the department at least one month before it is due. See deadlines below:

<u>Anticipated Semester for Internship</u>	<u>Initial Application Deadline</u>
Fall semester	February 25
Winter semester	July 1

When the application is returned, the applicant's file is reviewed for completion of all requirements. The internship coordinator

will send intern candidates a letter indicating their status (approved, conditional, denied). Each accepted intern will receive additional paperwork called the placement application and will write his/her philosophy of education. This paperwork is returned to the internship coordinator who then develops a final list of student interns for that semester. Students must also register for EDUC 4570, Internship/Seminar through the regular channels (as one would register for any credit hours).

Students are eligible for the internship if they have earned 108 of the required 120 credits, including the required methods courses; have successfully completed LANG and MATH requirements; have passed the SAT I with a minimum score of 950 (or 840 on tests taken prior to April 1, 1995) or the ACT with a minimum score of 20; have an overall GPA of 2.5; and have a minimum GPA of 2.5 in their major. Internship dates are published in the Farquhar Center class schedules.

The Florida Board of Education Administrative Rule 6A-4.002 allows some full-time administrative or teaching experience to be substituted for some course work, but does not permit this experience in lieu of student teaching for purposes of initial certification. Substitute teaching or teacher assistant positions are not considered as full-time teaching and will not be approved in lieu of student teaching.

All questions about the Internship Program should be directed to the Education Office. Main campus students call (954) 262-7936; all other students may call 800-338-4723, ext. 7936.

#### **CERTIFICATION**

##### **Certification-Only Program**

Appropriate courses are offered for students who already hold a bachelor's degree in fields other than education and who desire to obtain certification in early childhood education (prekindergarten-primary), elementary education (1-6), exceptional education (VE k-12), biological science (6-12), middle school science education (4-9), English (6-12), mathematics (6-12), or social studies (6-12).

##### **Certification Information**

An individual seeking initial certification issued by the state of Florida may do so by means of either the Florida Department of Education Program Approval Process or by the Florida Department of Education Transcript Review Process.

The program approval process means that a student has met all of Nova Southeastern University's state-approved program competencies and the state of Florida's requirements for initial certification. Certification through the program approval process is only available to degree-seeking students and will be annotated as such on the student's transcript. In Florida, students graduating from the state-approved program and who have passed all portions of the FTCE are eligible for an initial professional certificate. Actual teacher certification is awarded by the Florida Department of Education, not Nova Southeastern University.



The transcript review process means that a student has followed a course/program sequence established by Nova Southeastern University that is consistent with the expectations of the Florida Department of Education, but the student has not met all of the requirements of the state-approved program. The transcript will not reflect the state-approved program insignia. When a candidate applies for certification, a reviewer at the Florida Department of Education will compare all course and state requirements with a student's transcripts for compatibility. Certification may be issued but is not assured. Actual teacher certification is awarded by the Florida Department of Education, not Nova Southeastern University.

Each state outside of Florida is responsible for the actual teacher certificate in that state. Requirements vary from state to state. Some states outside of Florida do not grant initial certification unless the transcript is annotated as having met the state-approved program, and applicants would not be certified until they complete that state's approved program.

The state Department of Education (DOE) reserves the right to change requirements leading to certification at any time.

### EARLY CHILDHOOD EDUCATION MAJOR

The early childhood education major combines theoretical components with practical applications. Students in this degree program will have extensive clinical experiences in the community and in local schools (pre-k through third grade setting). 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. These courses meet the stated requirements for Florida certification. At the time of the publication of this catalog, the Florida Department of Education is considering this sequence of courses for program approval status.

Courses are designed to be taken in a specialized sequence. Contact an advisor for an explanation of required sequence of courses. Please note, the early childhood education major is offered only on the main campus.

#### EARLY CHILDHOOD EDUCATION (PREKINDERGARTEN–PRIMARY) REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
HUMN/LITR/ARTS/PHIL	6
BIOL/CHEM/PHYS Electives	6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL Electives (Six hours must be in GEOG/HIST/SOCL)	9

<b>PROGRAM REQUIREMENTS</b>	<b>15</b>
Human Adj. /Social Science/Humanities/Applied Arts	3
TECH 1110 Technology in the Information Age	3

PSYC 1020 Introduction to Psychology	3
PSYC 2370 Early Childhood Growth and Development	3
EDUC 1100 Exploration of the Education Profession	3

#### MAJOR REQUIREMENTS 21

EDEC 3201 Sociological Foundations of Early Childhood	3
EDEC 3203 Diagnosis/Assessment/Eval. of Young Children	3
EDEC 3301 Mgmt. Strategies for Typical and Atypical Children	3
EDEC 3304 Family and Community Involvement	3
EDEC 3302 Lang. and Dev. of Typical and Atypical Children	3
EDEC 3102 Child, Family, and Community Health Issues	3
EDEC 3500 Meeting the Special Needs of All Children	3

#### MAJOR SPECIALTY REQUIREMENTS 33

<i>Age three to grade three</i>	
EECP 4103 Active Learning	3
EECP 4104 Indoor/Outdoor Environments	3
EECP 4105 Practices and Delivery Systems of Early Childhood Prog.	3
EECP 4401 Mgmt. Strats. in Early Childhood of Typical and Atypical Children I	3
EECP 4402 Instructional Tech. in the Prekindergarten Classroom	3
EECP 4403 Discovery and Exploration of the Physical World Through Math and Science	3
EECP 4404 Soc. Stud. Integrated with Emergent Literacy and the Creative Arts	3
EDUC 4570 Internship/Seminar	9

#### MINOR SPECIALTY/ELECTIVES 18

*Additional course work can be selected to pursue individual interest. Approved options include: courses in speech-language pathology; sociology/psychology focusing on conflict resolution; courses in exceptional student education focusing on learning needs of children at risk; courses in management and supervision of child care programs; a minor in technology for education majors; as well as courses for speakers of other languages (ESOL). Specific courses must be discussed with the student's academic advisor.*

#### TOTAL DEGREE REQUIREMENTS 123

### ELEMENTARY EDUCATION MAJOR

The elementary education major is designed to prepare students to teach in grades one through six. The Elementary Education Program will provide students with theoretical foundations; promote the integration of technology; and encompass a variety of clinical experiences. Through the clinical experiences, students translate research and theory into practice. Students enrolled in the Elementary Education Program are encouraged to recognize and appreciate the diversity of today's children, preparing our graduates to teach in our multicultural society. The courses in this state-approved program are designed to meet the requirements for certification in Florida as well as in other states.

#### ELEMENTARY EDUCATION (GRADES 1–6) REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
HUMN/LITR/ARTS/PHIL	6
BIOL/CHEM/PHYS Electives	6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL Electives (Six hours must be in GEOG/HIST/SOCL)	9

*NOTE: Not all general education courses are offered each term at all off-campus locations. Students should refer to the off-campus schedule for course offerings.*

**PROGRAM REQUIREMENTS**

Human Adj. /Social Science/Humanities/Applied Arts  
TECH 1110 Technology in the Information Age

15  
3  
3

PSYC 1020 Introduction to Psychology  
PSYC 2380 Child and Adolescent Development  
EDUC 1100 Exploration of the Education Profession

3  
3  
3

**PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS**

Students in the state-approved Elementary Education Program must also register for program benchmarks simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks of courses in the approved program. At these

four benchmarks, students provide documentation showing completion of program requirements. For specific requirements of each benchmark, see the course descriptions for EDUC 3001, 3501, 4001, and 4501.

EDUC 3000: Clinical Experiences	EDUC 3001: Benchmark I
<i>First Eight Weeks</i>	
EDUC 3320: Sociological Foundations of Education	EDUC 3330: ESOL Strategies for Limited English Proficient Students
<i>Second Eight Weeks</i>	
EDUC 3340: Psychological Foundations of Teaching EDUC 3500: Clinical Experiences	EDUC 3350: Survey of Exceptional Student Education EDUC 3501: Benchmark II
<i>Third Eight Weeks</i>	
EDUC 3520: Principles and Practices of Instruction and Assessment: I	ELEM 3530: Science Curriculum for Elementary Education Majors
<i>Fourth Eight Weeks</i>	
EDUC 3540: Principles and Practices of Instruction and Assessment: II EDUC 4000: Clinical Experiences	ELEM 3550: Methods of Teaching Science in the Elementary School EDUC 4001: Benchmark III
<i>Fifth Eight Weeks</i>	
EDUC 4320: Integrating Instructional Technology in the Classroom	ELEM 4330: Mathematics Curriculum for Elementary Education Majors
<i>Sixth Eight Weeks</i>	
ELEM 4340: Methods of Teaching Language Arts in the Elementary School EDUC 4500: Clinical Experiences	ELEM 4350: Methods of Teaching Mathematics in the Elementary School EDUC 4501: Benchmark IV
<i>Seventh Eight Weeks</i>	
ELEM 4520: Methods of Teaching Literacy in the Elementary School	ELEM 4530: Methods of Teaching Art, Music, and Physical Activity in an Integrated Elementary Curriculum
<i>Eighth Eight Weeks</i>	
ELEM 4540: Reading Assessment I	ELEM 4550: Methods of Teaching Social Studies in the Elementary School
<i>Ninth Eight Weeks/Tenth Eight Weeks</i>	
EDUC 4560/ESED 4560: Classroom Management of Typical and Atypical Learners in the Multicultural Classroom	
EDUC 4570: Internship/Seminar	

**TOTAL DEGREE REQUIREMENTS 120**

**EXCEPTIONAL EDUCATION MAJOR**

The exceptional education major is offered in the area of varying exceptionalities, K-12 (VE). The specialty in varying exceptionalities prepares students to obtain state certification for teaching in VE grades kindergarten through 12 (k-12). Teachers with this certification are able to teach mildly handicapped students with learning disabilities (LD), mental handicaps (MH), and/or emotional handicaps (EH) in classrooms designated to serve students in a varying exceptionalities setting. (Separate certification is required to teach students in classrooms designated solely for LD, MH, or EH students or in classrooms serving the severely handicapped. The VE specialty does not prepare students for this separate certification.)

**EXCEPTIONAL EDUCATION/VARYING EXCEPTIONALITIES, K-12 REQUIRED DISTRIBUTIONS**

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
HUMN/LITR/ARTS/PHIL	6
BIOL/CHEM/PHYS Electives	6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL Electives (Six hours must be in GEOG/HIST/SOCL)	9

*NOTE: Not all general education courses are offered each term at all off-campus locations. Students should refer to the off-campus schedule for course offerings.*

## PROGRAM REQUIREMENTS

Human Adj. /Social Science/Humanities/Applied Arts  
TECH 1110 Technology in the Information Age  
PSYC 1020 Introduction to Psychology

15  
3  
3  
3

PSYC 2380 Child and Adolescent Development 3  
EDUC 1100 Exploration of the Education Profession 3

*NOTE: Exceptional Education courses are designed to be taken in a specific sequence. Contact an advisor for an explanation of the required sequence of courses.*

## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS

Students in the state-approved Exceptional Education Program must also register for program benchmarks simultaneously with courses in the program. There are four benchmarks, coinciding with four blocks of courses in the approved program. At these

four benchmarks, students provide documentation showing completion of program requirements. For specific requirements of each benchmark, see the course descriptions for EDUC 3001, 3501, 4001, and 4501.

EDUC 3000: Clinical Experiences	EDUC 3001: Benchmark I
<i>First Eight Weeks</i>	
EDUC 3320: Sociological Foundations of Education	EDUC 3330: ESOL Strategies for Limited English Proficient Students
<i>Second Eight Weeks</i>	
EDUC 3340: Psychological Foundations of Teaching	EDUC 3350: Survey of Exceptional Student Education
EDUC 3500: Clinical Experiences	EDUC 3501: Benchmark II
<i>Third Eight Weeks</i>	
EDUC 3520: Principles and Practices of Instruction and Assessment: I	ESED 3530: Educational Assessment of Exceptional Students
<i>Fourth Eight Weeks</i>	
ESED 3540: Introduction to Language Development and Speech Disabilities	ESED 3550: Vocational/Functional Life Skills
EDUC 4000: Clinical Experiences	EDUC 4001: Benchmark III
<i>Fifth Eight Weeks</i>	
EDUC 4320: Integrating Instructional Technology in the Classroom	ESED 4330: Education of the Mildly Handicapped
<i>Sixth Eight Weeks</i>	
ELEM 4340: Methods of Teaching Language Arts in the Elementary School	ELEM 4350: Methods of Teaching Mathematics in the Elementary School
EDUC 4500: Clinical Experiences	ESED 4360: Educational Programming for the Emotionally Handicapped
	EDUC 4501: Benchmark IV
<i>Seventh Eight Weeks</i>	
ELEM 4520: Methods of Teaching Literacy in the Elementary School	ESED 4530: Classroom Procedures for Mentally Handicapped
<i>Eighth Eight Weeks</i>	
ELEM 4540: Reading Assessment I	ESED 4550: Methods and Materials for Teaching SLD Learners
<i>Ninth Eight Weeks/Tenth Eight Weeks</i>	
EDUC 4560/ESED 4560: Classroom Management for Typical and Atypical Learners in the Multicultural Classroom	
EDUC 4570: Internship/Seminar	

### TOTAL DEGREE REQUIREMENTS 120

#### MIDDLE SCHOOL SCIENCE EDUCATION MAJOR

*NOTE: Pending approval by the NSU Program Review Committee.*

The middle school science education major is designed to prepare students to teach science in grades four through nine. The courses presented in this degree program are a collaborative effort between the center's Department of Education; Department of Math, Science, and Technology; and community middle-school programs and personnel. Students will have educational experiences that provide theoretical foundations; promote the integration of science, technology, and society; and encompass a variety of clinical experiences in local school classroom settings. Through the clinical experiences in the field, students will translate research and theory into practice.

Students enrolled in the middle school science education major will be encouraged to recognize and appreciate the diversity of today's school children, preparing our graduates to teach in this multicultural society. The courses in this state-approved program are designed to meet the requirements for certification in Florida as well as eligibility for certification in other states.

#### MIDDLE SCHOOL SCIENCE EDUCATION (GRADES 4-9) REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3

HUMN/LITR/ARTS/PHIL	6	<b>PROGRAM REQUIREMENTS</b>	<b>6</b>
BIOL/CHEM/PHYS Electives	6	TECH 1110 Technology in the Information Age	3
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL Electives (Six hours must be in GEOG/HIST/SOCL)	9	EDUC 1100 Exploration of the Education Profession	3

## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS

Students in the state-approved Middle School Science Education Program must also register for program benchmarks simultaneously with courses in the program. There are three benchmarks, coinciding with three blocks of courses in the approved program.

At these three benchmarks, students provide documentation showing completion of program requirements. For specific requirements of each benchmark, see the course descriptions for EMDS 3001, 3350, and 4001.

<b>EMDS 3000: Clinical Experiences</b>	<b>EMDS 3001: Benchmark I</b>
<b>First Sixteen Weeks</b>	
<b>PHYS 1020: Concepts in Physical Science</b> <b>PHYS 1021: Physical Science Lab</b> <b>PHYS 2160: Earth/Space Science</b> <b>PHYS 2161: Earth/Space Lab</b>	
<b>First Eight Weeks</b>	<b>Second Eight Weeks</b>
<b>EMDS 3320/EDUC 3320: Sociological Foundations of Education</b>	<b>EMDS 3330/EDUC 3330: ESOL Strategies for Limited English Proficient Students</b>
<b>Second Sixteen Weeks</b>	
<b>CHEM 1100: Fundamentals of Chemistry</b> <b>CHEM 1101: Chemistry Lab</b> <b>BIOL 1100: Concepts in Biology</b> <b>BIOL 1101: Biology Lab</b>	
<b>Third Eight Weeks</b>	<b>Fourth Eight Weeks</b>
<b>EMDS 3340/EDUC 3340: Psychological Foundations of Teaching</b>	<b>EMDS 3350/ESED 3350: Survey of Exceptional Student Education</b>
<b>EMDS 3500: Clinical Experiences</b>	<b>EMDS 3501: Benchmark II</b>
<b>Third Sixteen Weeks</b>	
<b>ENVS 1100: Environmental Science I</b> <b>ENVS 1101: Environmental Science I Lab</b> <b>EMDS 3530: Science Standards for Middle and Secondary School</b>	
<b>Fifth Eight Weeks</b>	<b>Sixth Eight Weeks</b>
<b>EMDS 3520: Principles and Practices for Middle and Secondary School</b>	<b>EMDS 3540: Reading and Study Skills for Middle and Secondary School</b>
<b>EMDS 4000: Clinical Experiences</b>	<b>EMDS 4001: Benchmark III</b>
<b>Fourth Sixteen Weeks</b>	
<b>ENVS 1200: Environmental Science II</b> <b>ENVS 1201: Environmental Science II Lab</b> <b>BIOL 3210: History of Science</b>	
<b>Seventh Eight Weeks</b>	<b>Eighth Eight Weeks</b>
<b>MDS 4320/EDUC 4320: Integrating Instructional Technology in the Classroom</b>	<b>EMDS 4550: Methods of Teaching Middle and Secondary School Science</b>
<b>Fifth Sixteen Weeks</b>	
<b>EMDS 4500: Clinical Experiences</b> <b>EMDS 4501: Benchmark IV</b> <b>EMDS 4560: Classroom Management in Middle and Secondary Schools</b> <b>EMDS 4570/EDUC 4570: Internship/Seminar</b>	

**TOTAL DEGREE REQUIREMENTS 120**

## SECONDARY EDUCATION MAJOR

**NOTE:** The Department of Undergraduate Education is not accepting applications from students desiring to major in secondary education for the 1999-2000 academic year. However, the department will begin accepting applications for the secondary education biology major in fall 2000.

The secondary education major, with specialties in biological sciences, English, mathematics, or social studies, is designed to prepare students to teach in middle and/or high school. The program also helps students meet requirements for certification in Florida and helps students become eligible for certification in other states.

### SECONDARY EDUCATION REQUIRED DISTRIBUTIONS

#### General Education Requirements

LANG 1500 College Writing I	36
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
HUMN/LITR/ARTS/PHIL	6
BIOL/CHEM/PHYS Electives	6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL Electives (Six hours must be in GEOG/HIST/SOCL)	9

#### PROGRAM REQUIREMENTS

Human Adj./Social Science/Humanities/Applied Arts	15
PSYC 1020 Introduction to Psychology	3
PSYC 2380 Child and Adolescent Development	3
EDUC 1100 Exploration of the Education Profession	3
TECH 1110 Technology in the Information Age	3

#### MAJOR REQUIREMENTS

EDUC 3320 Sociological Foundations of Education	30
EDUC 3330 ESOL Strategies for Limited English Proficient Students	3
EDUC 3340 Psychological Foundations of Teaching	3
EDUC 3520 Principles and Practices of Instruction and Assessment I	3
EDUC 4320 Integrating Instructional Technology in the Class	3
EDUC 4560 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom	3
EDUC 3350 Survey of Exceptional Student Education	3
EDUC 4570 Internship/Seminar	9

#### SPECIALTIES

##### Social Sciences

EDUC 4360 Meth. of Tchg. Reading in Middle/Sec. School	3
SECE 3110 Teaching Social Studies in Middle and Secondary School	3
*Specialty courses according to certification requirements	30

#### OPEN ELECTIVE

**TOTAL DEGREE REQUIREMENTS** **120**

##### Mathematics

SECE 3160 Teaching Mathematics in Middle and Secondary School	3
*Specialty courses according to certification requirements	27

#### OPEN ELECTIVES

**TOTAL DEGREE REQUIREMENTS** **120**

##### English

EDUC 4360 Meth. of Tchg. Reading in Middle/Sec. School	3
SECE 3230 Teaching English in Middle and Secondary School	3
*Specialty courses according to certification requirements	27

#### OPEN ELECTIVES

**TOTAL DEGREE REQUIREMENTS** **120**

### Biology

(The department will be accepting applications for the secondary education biology major beginning in fall 2000.)

SECE 3120 Teaching Science in Middle and Secondary School	3
*Specialty courses according to certification requirements	33-36

#### OPEN ELECTIVE

**3**

#### TOTAL DEGREE REQUIREMENTS

**120-123**

\*Contact an advisor in the Undergraduate Department of Education Office on the main campus.

Courses are designed to be taken in a specialized sequence. Contact an advisor for an explanation of the required sequence of courses.

### MINORS IN EDUCATION

#### Technology Minor

This 18-credit-hour minor is intended for education majors who would like in-depth training in the use of technology as it relates to teaching at the elementary and secondary levels. Please note, the technology minor is available only on the main campus.

All students minoring in technology take the following courses:

TECH 1110 Technology in the Information Age	
TECH 2150 Using the Internet	
TECH 3520 Emerging Technology in Education	
TECH 3530 Multimedia Authoring Systems for Educators	
EDUC 4320 Integrating Instructional Technology in the Classroom	
TECH 4510 Utilizing Technology to Develop Curriculum	

#### ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL) K-12 ADD-ON ENDORSEMENT

The state-approved courses leading to ESOL endorsement enable educators to add coverage to their certification. This will allow them to teach students designated as L.E.P. (limited English proficient) in ESOL programs. This endorsement is designed for two populations: teacher education students enrolled at Nova Southeastern University in the Undergraduate Teacher Education Program who are currently working toward teacher certification in Florida, and educators who are certified in other areas.

For endorsement, program participants must satisfactorily complete five state-prescribed courses, totaling 15 semester hours.

Registration for these courses should follow the sequence as denoted below:

ESOL 4901 Methods of Teaching English to Speakers of Other Languages	
ESOL 4902 ESOL Curriculum and Materials	
ESOL 4903 Cross-Cultural Studies	
ESOL 4904 Linguistics for ESOL Educators	
ESOL 4905 Testing and Evaluation in ESOL	

All students seeking the undergraduate degree in an education major are required by NSU to take a survey, or introductory course, to the ESOL cluster of courses. The introductory course is EDUC 3330, ESOL Strategies for Limited English Proficient Students, and is the required prerequisite course for the remaining ESOL courses.

## LIBERAL ARTS

The bachelor of science degree is offered through the Department of Liberal Arts with the following major concentrations:

### General Studies

### Legal Studies

#### GENERAL STUDIES MAJOR

The general studies major offers students with career experience and previous course work in the liberal arts an opportunity to pursue a liberal arts education focusing on three of four areas: environmental and social problems, international studies, literature and the arts, and legal and political studies.

#### LEARNING OUTCOMES

The successful general studies graduate is expected to:

□ communicate effectively: (a) write well, (b) speak well, (c) demonstrate an understanding of the social significance of communication

□ be numerate: (a) demonstrate quantitative thinking, (b) demonstrate comparative/relational thinking, (c) solve algebraic problems

□ comprehend the significance of basic scientific and technological developments: (a) comprehend the implications of developments in computer technology, (b) comprehend basic biological concepts, (c) comprehend basic concepts of physics, (d) comprehend basic concepts of psychology

#### GENERAL STUDIES REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
TECH 1110 Technology in the Information Age	3
PSYC Elective	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
COMM/ECON/GEOG/HIST/HUMN/LANG/BIOL/MATH/PHYS/	
POLS/PSYC/SOCL Elective	3

#### PROGRAM REQUIREMENTS 6

PHIL 1300 Critical Thinking	3
PHIL 3210 Ethics	3

#### MAJOR REQUIREMENTS 45

Students will take five courses from three of the four areas listed below for a total of 15 courses (45 credits). Within each area, at least two of the five courses selected must be at 3000 or higher level. Note that some courses listed have prerequisites; consult this catalog for specific requirements for each course. Students may also pursue minors offered by the liberal arts and other departments, including legal studies and gender studies; however, only six credits taken toward the major can be counted toward a minor.

#### Area I: Environmental and Social Problems

BIOL 1040 Environmental Studies	3
BIOL 2220 Marine Biology of South Florida	3
BIOL 3200 General Ecology/Lab	3
LGST 4400 Special Readings in Legal Studies (when offered as Science and the Law)	3
PSYC 3160 Social Psychology	3

SOCL 2020 Introduction to Sociology	3
SOCL 2130 Family Relationships	3
SOCL 2510 Social Problems	3
SOCL 3110 Gender, Sexuality, and the Family	3
SOCL 3300 Gender at Work	3
GEST 2050 Introduction to Gender Studies	3

#### Area II: International Studies

BUSS 3550 Introduction to International Business	3
FINC 4550 International Finance	3
HIST 2140 Modern Latin America	3
HIST 2160 African Studies	3
HIST 3040 Studies in European and Non-Western History	3
LGST 2400 Comparative Legal Systems	3
LGST 4410 International Law	3
LITR 3050 Area Studies in Literature (when offered as Latin American Fiction)	3
MGMT 3550 International Management	3
POLS 2010 Comparative Government	3

#### Area III: Literature and the Arts

ARTS 2300 Art and Society	3
ARTS 3000 Film Studies	3
ARTS 3020 Women in the Arts	3
ARTS 3300 Myth and Art	3
ARTS 3400 Non-Western and Modern Art	3
ARTS 4900 Special Topics in the Arts	3
COMM 3100 Gendered Images in Popular Culture	3
LITR 2010 British Literature	3
LITR 2020 American Literature	3
LITR 2030 World Literature	3
LITR 3010 Studies in British Literature	3
LITR 3020 Studies in American Literature	3
LITR 3030 Studies in World Literature	3
LITR 3040 Women and Literature	3
LITR 3050 Area Studies in Literature	3
LITR 3610 Literary Genres	3
LITR 4060 Feminist Criticism and Theory	3
LITR 4700 Major Authors	3
LITR 4710 Legends and Motifs in Literature	3
LITR 4900 Special Topics in Literature	3

#### Area IV: Legal and Political Studies

HIST 3010 Constitutional History I	3
HIST 3020 Constitutional History II	3
LGST 2010 Law in Action	3
LGST 2100 The Legal Profession	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Topics in Law	3
LGST 3260 Formation of American Private Law	3
LGST 4050 Civil and Political Liberties	3
LGST 4260 Private Law and Modern American Thought	3
LGST 4410 International Law	3
LGST 4450 Legal Studies Capstone	3
PHIL 3330 History of Political Thought I	3
PHIL 3340 History of Political Thought II	3
PHIL 3660 Philosophy of Law	3

#### OPEN ELECTIVES 33

#### TOTAL DEGREE REQUIREMENTS 120

#### 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 liberal arts 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.

## LEARNING OUTCOMES

The successful legal studies graduate is expected to:

- communicate effectively: (a) write well, (b) speak well
- analyze complex material: (a) identify the elements of an argument, (b) evaluate arguments, (c) identify the relationships among elements of a legal system as well as between legal systems
- comprehend the contexts within which legal issues arise and the implications of legal decisions: (a) demonstrate an understanding of the historical development of legal systems, (b) demonstrate an understanding of the economic and social contexts of legal decisions and systems, (c) demonstrate an understanding of the political contexts and implications of legal decisions

### LEGAL STUDIES REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
MATH 1030 Intermediate Algebra I	3
MATH 3020 Applied Statistics	3
TECH 1110 Technology in the Information Age	3
PSYC Elective	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/CHEM/PHYS Electives	6
COMM/ECON/GEOG/HIST/HUMN/LANG/BIOL/MATH/PHYS/ POLIS/PSYC/SOCL Elective	3

### MAJOR REQUIREMENTS 51

HIST 3010 Constitutional History I	3
HIST 3020 Constitutional History II	3
LGST 2010 Law in Action: Intro to Legal Reasoning	3
LGST 2100 The Legal Profession	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Studies in Law	3
LGST 3260 Judicial Politics and Process	3
LGST 4050 Civil and Political Liberties	3
LGST 4260 Private Law and Modern Am. Thought	3
LGST 3300 Legal Research and Writing	3
LGST 4300 Mock Trial	3
LGST 4410 International Law	3
LGST 4450 Legal Studies Capstone	3
PHIL 1300 Critical Thinking	3
PHIL 3210 Ethics	3
PHIL 3330 History of Political Thought I	
OR	
PHIL 3340 History of Political Thought II	3
PHIL 3660 Philosophy of Law	3

### OPEN ELECTIVES 33

### TOTAL DEGREE REQUIREMENTS 120

#### Legal Assistant Studies Minor

Students wishing to pursue both a legal studies major and a legal assistant studies minor may substitute the following two courses in order to complete both programs and graduate with 120 hours: **Instead of** LEGS 1150: Introduction to Law and the Legal Profession,

**Take** LGST 2100: The Legal Profession

**Instead of** LEGS 3100: Legal Research and Writing I,

**Take** LGST 3300: Legal Research and Writing

These course substitutions are available only for students pursuing this combined major and minor.

## MINORS IN LIBERAL ARTS

### Communications Minor

The communications minor at NSU prepares students broadly educated in the liberal arts to meet professional requirements in entry-level positions in journalism, broadcasting, and business departments connected with the media. The curriculum for the communications minor emphasizes both the theoretical (academic) and practical (professional) aspects of the rapidly changing communications field. This program is not a major, but must be taken in conjunction with one of the majors offered throughout the Farquhar Center. Business majors may not select the management sequence.

The student must complete at least six of the courses offered: two from the basic menu and four others from a selected minor sequence for a total of 18 credits.

#### Basic Courses

<i>Select two courses:</i>	
COMM 2100 Mass Media	3
COMM 2510 Intermediate Telecommunications	3
COMM 3010 Ethical Issues in Communications	3
COMM 4010 Information Theory	3

#### Journalism Sequence

<i>Required:</i>	
COMM 2010 Introduction to Journalism	3
<i>Select three courses:</i>	
ARTS 2540 Introduction to Film Criticism	3
ARTS 3000 Film Studies (when offered as Film as Literature or Minorities in Cinema)	3
COMM 3100 Gendered Images in Popular Culture	3
COMM 4900 Special Topics in Communications (with permission of academic director)	3
HUMN 4900 Special Topics in the Humanities (when offered as Pop Culture Theory)	3
LANG 3000 Advanced College Writing	3
LANG 3030 Creative Writing: Fiction	3

#### Broadcasting Sequence

<i>Required:</i>	
COMM 2020 Introduction to Broadcast Journalism	3
COMM 2030 Introduction to Broadcast Technology	3
<i>Select two courses:</i>	
ARTS 2400 The Theatre Arts	3
ARTS 2500 Music Through History	3
COMM 4900 Special Topics in Communications (with permission of academic director)	3
HUMN 4900 Special Topics in the Humanities (when offered as Pop Culture Theory)	3
LANG 2010 Public Communications	3
LANG 2020 Theories of Argument and Debate	3
LANG 2030 Dramatic Interpretation	3

#### Management Sequence

<i>(Not open to business majors)</i>	
<i>Required:</i>	
BUSS 1010 Introduction to Business	3
MRKT 1010 Introduction to Marketing	3
<i>Select two courses:</i>	
MGMT 2050 Principles of Management	3
MGMT 3020 Organizational Communication	3
MRKT 3210 Advertising and Sales	3

### TOTAL 18

*NOTE: Courses taken to fulfill general education requirements cannot be applied to the minor.*

## 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 and over time. Students who complete the 18-credit minor will explore the methods and concepts of gender studies in a variety of academic disciplines, including sociology, psychology, literature, philosophy, film, economics, and law.

Individual courses are also open to the general student population.

*Required:*

GEST 2050 Introduction to Gender Studies	3
GEST 4900 Special Topics in Gender Studies	3
<i>Select four courses:</i>	
PSYC 2110 Human Sexuality	3
BIOL 4600 Biological Bases of Behavior: Gender	3
ARTS 3000 Film Studies: Women in Film	3
LGST 3000 Interdisciplinary Studies in the Law (when offered as Gender and the Law)	3
ARTS 3020 Women in the Arts	3
LITR 3040 Women and Literature	3
COMM 3100 Gendered Images in Popular Culture	3
SOCL 3110 Gender, Sexuality, and the Family	3
SOCL 3300 Gender at Work	3
PSYC 3360 Psychology of Gender	3
SOCL 4000 Lesbian and Gay Cultures	3
LITR 4060 Feminist Criticism and Theory	3
PHIL 4900 Special Topics in Philosophy (when offered as The Philosophical Issues of Gender and Sex)	3

**TOTAL 18**

*In addition to the above courses, other courses may be approved by the program coordinator as applicable toward the minor.*

**NOTE:** *Courses taken to fulfill general education requirements cannot be applied to the minor.*

## Global Studies Minor

The global studies minor provides a broad international perspective for students who are planning 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 to the global arena. The minor sponsors research and provides opportunity for unique field study experiences, internships, and community service abroad.

Students must take two three-credit courses from the hemispheric and global diversity menu and any four courses (12 credits) from the global studies menu.

## Hemispheric and Global Diversity

*Select two courses:*

HIST 2130 The Formation of Latin America	3
HIST 2140 Modern Latin America	3
HIST 2160 African Studies	3
HIST 2250 The Pacific Rim	3
LACS 4850 Preparation for Field Study	3
SOCL 2500 Global Diversities: Issues and Perspectives	3

## Global Studies

*Select four courses:*

ARTS 3400 Non-Western and Modern Art	3
BIOL 1040 Environmental Studies	3
BUSS 3550 Introduction to International Business	3

CORE 2460 Economic Transformations and Society	3
ECON 3550 International Economics	3
FINC 4550 International Finance	3
GEOG 2050 Survey of Geography	3
GEOG 2910 Special Topics (when offered as Field Studies in Biogeography)	3
*LACS 4860 Field Study in Latin America	6
LANG 1210 Elementary Spanish	3
LANG 2210 Intermediate Spanish	3
LGST 2400 Comparative Legal Systems	3
LGST 3000 Interdisciplinary Studies in Law (when offered as Cultural Minorities and the Law)	3
LGST 4410 International Law	3
LITR 3050 Area Studies in Literature (when offered as Latin American Fiction or The Mexican Cult of Death in Myth, Art, and Literature)	3
LITR 4710 Legends and Motifs in Literature (when offered as Don Juan)	3
MGMT 3550 International Management	3
PSYC 3760 Multicultural Issues in Psychology	3
SOCL 3030 Transcultural Issues in Health Care	3
SOCL 3110 Gender, Sexuality, and the Family	3
SOCL 3300 Gender at Work	3

## TOTAL 18

*\* Students who select LACS 4860, Field Study in Latin America, must take LACS 4850 as a prerequisite. Since LACS 4860 counts as six credit hours, students who select this option will need to take only two other courses in the global studies menu, and one other course besides LACS 4850 in the hemispheric and global diversity menu. Courses taken to fulfill general education requirements cannot be applied to the minor. Also, some of the courses above have specific prerequisites that must be met before taking them. Students should consult a current catalog for specific prerequisites.*

## Humanities Minor

Combined with a major in a specialized field, the humanities minor prepares individuals to meet the challenges of the contemporary workplace. Experts now contend that individuals will change careers at least twice in a lifetime. As a result, employers look for individuals who have broad training, in addition to specialized skills. A humanities minor offers individuals the skills and flexibility necessary for professional success.

Interdisciplinary in design, the humanities minor supplements and complements the student's major area of study. It consists of 18 credits in courses that offer students an opportunity to study philosophy, history, arts, and literature.

Students select one three-credit course from each of the four humanities areas: Arts, History, Literature, and Philosophy. Students then select an additional two courses (6 credits) at the 3000 level or above in one area of concentration.

## Arts

ARTS 2300 Art and Society
ARTS 2400 Theater Arts
ARTS 2500 Music Through History
ARTS 2540 Intro. to Film Criticism
ARTS 3000 Film Studies
ARTS 3020 Women in the Arts
ARTS 3300 Myth and Art
ARTS 4900 Special Topics in the Arts

## History

HIST 2050 The American Experience
HIST 2100 The Roots of Western Society
HIST 3010 Constitutional History I
HIST 3020 Constitutional History II
HIST 3030 Studies in American History
HIST 3040 Studies in European and Non-Western History
HIST 4900 Special Topics in History



## Literature

LITR 2010 British Literature  
LITR 2020 American Literature  
LITR 2030 World Literature  
LITR 3010 Studies in British Literature  
LITR 3020 Studies in American Literature  
LITR 3030 Studies in World Literature  
LITR 3040 Women and Literature  
LITR 3050 Area Studies in Literature  
LITR 3610 Literary Genres  
LITR 4060 Feminist Criticism/Theory  
LITR 4700 Major Authors  
LITR 4900 Special Topics in Literature

## Philosophy

PHIL 1300 Critical Thinking  
PHIL 2300 Philosophical Issues  
PHIL 3180 Biomedical Ethics  
PHIL 3220 Philosophy of Science  
PHIL 3330 History of Political Thought I  
PHIL 3340 History of Political Thought II  
PHIL 3660 Philosophy of Law  
PHIL 4900 Special Topics in Philosophy

## Humanities

HUMN 4900 Special Topics in the Humanities

**TOTAL 18**

*NOTE: Courses taken to fulfill general education requirements cannot be applied to the minor.*

## Legal Studies Minor

The legal studies minor provides an introduction to the American and world legal systems and their interaction with culture and society. It is especially suggested for students planning careers in business, government, or law.

Students take the following required courses:

LGST 2010 Law in Action	3
PHIL 3660 Philosophy of Law	3
	6 credits

Students choose between:

HIST 3010 Constitutional History I	3
AND	
HIST 3020 Constitutional History II	3

OR

PHIL 3330 History of Political Thought I	3
AND	
PHIL 3340 History of Political Thought II	3

6 credits

Students choose between:

LGST 2100 The Legal Profession

OR

LGST 2400 Comparative Legal Systems

3 credits

Students choose between:

LGST 3300 Legal Research and Writing

OR

Any 4000-level LGST course

3 Credits

**TOTAL 18**

*NOTE: Courses taken to fulfill general education requirements cannot be applied to the minor.*



*NOTE: Courses marked with an asterisk count toward fulfillment of the Gordon Rule. The Gordon Rule applies to students who enroll in a public postsecondary institution in the state of Florida. The rule requires that students complete a fixed number of semester hours in communications and computation and demonstrate writing skills.*

#### ACCOUNTING (ACCT)

**ACCT 2100 Managerial Accounting/3 sem. hrs.** 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. Cannot be taken by students having credit for ACCT 2070. **Prerequisites:** MGMT 2050 and TECH 1110.

**ACCT 2200 Financial Accounting I/3 sem. hrs.** 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 financial statement analysis. **Prerequisite:** ACCT 2100.

**ACCT 3030 Product and Service Costing/3 sem. hrs.** 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:** ACCT 2200.

**ACCT 3050 Financial Accounting II/3 sem. hrs.** A continuation of Financial Accounting I (ACCT 2200). The concepts underlying valuation of assets and liabilities are covered. **Prerequisite:** ACCT 2200.

**ACCT 3060 Financial Accounting III/3 sem. hrs.** A continuation of Financial Accounting II. Topics include the conceptual foundations of equity, earning per share, the income statement, leases, and deferred taxes. **Prerequisite:** ACCT 3050.

**ACCT 3080 Cooperative Education/0 sem. hrs.** Work placement for a period of 16 to 18 weeks. The placement is directly related to the student's program of study.

**ACCT 3110 Federal Taxation I/3 sem. hrs.** 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 nonbusiness 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:** ACCT 2200.

**ACCT 3120 Federal Taxation II/3 sem. hrs.** Provides an overview of the Internal Revenue Code as it applies to partnerships, corporations, estates, and trusts. **Prerequisite:** ACCT 3110.

## COURSE DESCRIPTIONS

**ACCT 4010 Financial Accounting IV/3 sem. hrs.** A continuation of the study of financial accounting. Topics include pensions, correction of accounting errors, cash flow statements, fundamental consolidation concepts, international currency accounting, and fund accounting for governments and nonprofit organizations. **Prerequisite:** ACCT 3050.

**ACCT 4050 Accounting Information Systems/3 sem. hrs.** Reviews the design and operation of accounting information systems as affected by information theory, computers, and behavioral concepts. Examines the internal control in the design and analysis of systems. **Prerequisites:** TECH 2130 and ACCT 3060.

**ACCT 4210 Auditing/3 sem. hrs.** 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:** ACCT 3060.

**ACCT 4910-4980 Advanced Special Topics/3 sem. hrs.** Examines topics in accounting 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 differing content.

**COOP 3810 Cooperative Education I in Accounting /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**COOP 3910 Cooperative Education II in Accounting /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** COOP 3810, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3810 Internship I in Accounting /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3910 Internship II in Accounting /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** INTN 3810, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

#### ALTERNATIVE DISPUTE RESOLUTION (ADRB)

**ADRB 2000 Introduction to Dispute Resolution/3 sem. hrs.** 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.

### THE ARTS (ARTS)

**ARTS 2300 Art and Society/3 sem. hrs.** 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 within the local community.

**ARTS 2400 The Theater Arts/3 sem. hrs.** This course focuses on the arts of the theatre, including drama, music, dance, and play production, particularly those plays representing major theatrical trends.

**ARTS 2500 Music Through History/3 sem. hrs.** This course investigates the contribution of music and composers to Western culture since the Middle Ages. It encourages students' recognition and analysis of instrumental voice and the structure and development of basic musical forms.

**ARTS 2540 Introduction to Film Criticism/3 sem. hrs.** Understanding film as an art form through examining its history. Topics include the technological and commercial origins of film, social developments affecting film, and critical approaches to film. **Prerequisite, except for career students:** LANG 2000.

**ARTS 3000 Film Studies/3 sem. hrs.** A study of film in its relation to specific film genres, minorities, or literature. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** ARTS 2540.

**ARTS 3020 Women in the Arts/3 sem. hrs.** A study of the particular contributions of women in art, music, theatre, and dance. **Prerequisite, except for career students:** ARTS 2300 or ARTS 2500.

**ARTS 3300 Myth and Art/3 sem. hrs.** 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 and artistic traditions developing from them. **Prerequisite, except for career students:** ARTS 2300 or ARTS 2500.

**ARTS 3400 Non-Western and Modern Art/3 sem. hrs.** 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. **Prerequisite, except for career students:** ARTS 2300 or ARTS 2500.

**ARTS 4900 Special Topics in the Arts/3 sem. hrs.** This course is designed for students with an interest in a particular period or genre of art, music, or theatre, or 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 department approval. **Prerequisite, except for career students:** ARTS 2300, ARTS 2400, or ARTS 2500.

### BIOLOGY (BIOL)

**BIOL 1040 Environmental Studies/3 sem. hrs.** 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. **Identical to PHYS 1040.**

**BIOL 1060 Amoebas to Zebras: Life on Earth/3 sem. hrs.** 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 1070 Basics of Human Heredity/3 sem. hrs.** 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 intended for non-biological science majors.

**BIOL 1080 Human Biology/3 sem. hrs.** This course explores the biology of the human organism and is designed to provide a framework by which the student can understand human biology at the cellular, molecular, and organismal levels, both in the healthy state and when it is diseased and/or malfunctioning. 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 reproduction and development.

**BIOL 1090 The Age of Dinosaurs/3 sem. hrs.** 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 sem. hrs.** Focuses on the fundamental concepts in the life sciences and helps students make connections to the real world. This course is designed to emphasize the required biological concepts needed by middle-school teachers. Basic functions of life are compared and contrasted in organisms representing the five kingdoms. Connections are made between the various life forms and humans. Heredity will be studied with special attention given to the classic experiments important in the development of the field of genetics. Throughout this course, students will develop a portfolio of resources applicable for use in the middle-school classroom.

**BIOL 1101 Concepts and Connections in Biology Lab/1 sem. hr.** 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 lab will be taught in a format that utilizes easily accessible equipment or supplies and uses resources that are generally available within the community. Laboratory exercises connect biology to the student and provide the student with an understanding of key biological concepts of plants, animals, physiology, anatomy, cells, and genetics.

**BIOL 1500 Biology I/Lab/4 sem. hrs.** An introduction to the biological sciences for students interested in pursuing a career in this area. Includes subcellular and cellular organization, structures and function, biochemistry, classical and molecular genetics, and population dynamics—all arranged around evolution as a major theme. Includes laboratory sessions.

**BIOL 1510 Biology II/Lab/4 sem. hrs.** Second part of two-part sequence that includes a survey of the five kingdoms and structure and function in plants and animals. Includes laboratory sessions.

**BIOL 2220 Marine Biology/3 sem. hrs.** 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.

**BIOL 2900 Special Introductory Topics in Biological Science/4 sem. hrs.** Introductory topics in biological science 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 Special Topics covering different content.

**BIOL 3010 Anatomy and Physiology of the Vocal Mechanism/3 sem. hrs.** Introduction to the anatomy, physiology, and neurophysiology of the vocal mechanism.

**BIOL 3200 General Ecology/Lab/4 sem. hrs.** 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 sem. hrs.** This course is a survey of science and scientists from ancient to modern times. The major advancements in life sciences, medicine, and oceanography will be discussed from the perspectives and tenor of the times. Some original literature and autobiographies as well as historical reviews will be assigned and discussed.

**BIOL 3300 Invertebrate Zoology/Lab/4 sem. hrs.** 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 3310 Vertebrate Structure and Function/Lab/5 sem. hrs.** Basic vertebrate anatomy and physiology. This course deals specifically with form and function of vertebrate organ systems. The lecture period stresses physiology and the laboratory is mainly devoted to gross anatomy. However, the one reinforces the other in presenting a complete picture of functional morphology. Includes laboratory sessions. **Prerequisites:** BIOL 1500 and BIOL 1510.

**BIOL 3400 Microbiology/Lab/4 sem. hrs.** 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, BIOL 1510, and CHEM 2310.

**BIOL 3600 Genetics/Lab/4 sem. hrs.** 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." **Prerequisites:** BIOL 1500 and CHEM 2310.

**BIOL 3700 Kinesiology/3 sem. hrs.** 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 the overall movement. Both normal and impaired movements will be analyzed.

**BIOL 3710 Exercise Physiology/3 sem. hrs.** Study of the integration of cardiopulmonary, neuromuscular, and musculoskeletal systems as they apply to the movement of body through space. Studied at the chemical, cell, and organismal levels.

**BIOL 4000 Introduction to Hearing, Speech, and Language Disorders/3 sem. hrs.** Understanding of speech, language, and hearing disorders, their classification, manifestation, and etiologies. This course does not meet the science general education requirement. **Identical to SLP 4000.**

**BIOL 4100 Neuroanatomy and Physiology/3 sem. hrs.** Introduction to anatomy and physiology of the developing and mature human nervous system. **Identical to SLP 4100.**

**BIOL 4200 Neurobiology/3 sem. hrs.** 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 4340 Cellular and Molecular Biology/3 sem. hrs.** Study of the subcellular architecture and function, growth, and reproduction of prokaryotic and eukaryotic cells. This course does not include laboratory sessions. **Prerequisites:** BIOL 1500 and CHEM 2310.

**BIOL 4400 Developmental Biology/Lab/4 sem. hrs.** Principles of human cellular differentiation, morphogenesis, and development, with comparisons to lower animal forms. **Prerequisites:** BIOL 1500 and BIOL 1510.

**BIOL 4450 Biochemistry/Lab/4 sem. hrs.** Chemistry of proteins, lipids, carbohydrates, and nucleic acids and principles in enzymology, metabolism, and bioenergetics. **Prerequisite:** BIOL 1500, CHEM 3200, or 3310.

**BIOL 4490 Research Methods/3 sem. hrs.** 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. **Cross-listed with OCES 4490.**

**BIOL 4500 Independent Research I/1 sem. hr.** Initiation of laboratory or field research in biology in consultation with an advisor. **Prerequisite:** permission of department.

**BIOL 4510-4560 Independent Research II/1 sem. hr.** Continuation of laboratory or field research in biology. **Prerequisites:** BIOL 4500 and permission of department.

**BIOL 4570 Independent Research III/1 sem. hr.** Completion of laboratory or field research in biology culminating with a thesis. **Prerequisites:** BIOL 4500 and permission of department.

**BIOL 4600 Biological Bases of Behavior/3 sem. hrs.** Genetic, neural, and endocrine bases of behavior. Neuroanatomy and chemical and electrical events in the nervous system. Sensory processes, motivation, emotion, and arousal. **Prerequisites:** BIOL 1020 or 1050, and PSYC 1020. **Identical to PSYC 4600.**

**BIOL 4900 Special Topics in Biology/1-3 sem. hrs.** 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 reenroll for Special Topics covering different content.

**BIOL 4990 Independent Study in Biology/1-12 sem. hrs.** 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 department director.

## BUSINESS (BUSS)

**BUSS 1010 Introduction to Business/3 sem. hrs.** 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.

**BUSS 2150 Business Law I/3 sem. hrs.** Applies the fundamentals of business law, contract law, property law, and negotiable instruments to business organizations. Credit cannot be obtained for both BUSS 2150 and LEGS 2400.

**BUSS 2700 Current Issues in Telecommunications/3 sem. hrs.** Establishes a foundation of basic telecommunications applications and principles. The technical and managerial aspects of telecommunications from a business perspective will also be presented. Special emphasis is placed on current technological, legislative, and regulatory issues facing the telecommunications industry.

**BUSS 3020 Business Communications/3 sem. hrs.** 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:** LANG 1500.

**BUSS 3050 Organization Theory/3 sem. hrs.** Emphasizes the structure of modern organizations and systems. The special problems of large research and development organizations, project and/or program management, matrix management, venture management, and contingency management. **Prerequisite:** MGMT 2050.

**BUSS 3080 Cooperative Education/0 sem. hrs.** Work placement for a period of 16 to 18 weeks. Placement will be directly related to the student's program of study.

**BUSS 3100 Small Business Management/3 sem. hrs.** 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.

**BUSS 3150 Business Law II/3 sem. hrs.** A continuation of Business Law I. Applies law, bailments, and the Uniform Commercial Code to business organizations. **Prerequisite:** BUSS 2150.

**BUSS 3250 Business, Government, and Society/3 sem. hrs.** Considers the relationships between business enterprises and the social and political milieu in which these enterprises operate. Examines concepts in business ethics, corporate responsibility, and governmental regulation of business.

**BUSS 3500 Business Relations and Organizations/3 sem. hrs.** Topics include the essential elements of contracts, defenses to enforceability, third party beneficiaries and assignments, the Uniform Commercial Code, sole proprietorships, general and limited partnerships, and corporations. This course is not required for students who have taken BUSS 2150 and BUSS 3150. **Cross-listed with LEGS 2400.**

**BUSS 3550 Introduction to International Business/3 sem. hrs.** Surveys the legal and cultural environment of international business; international financial system; management of international operations; personnel and labor relations; international marketing; international economics, trade, and finance; multinational enterprise; and international accounting.

**BUSS 4090 Quantitative Methods/3 sem. hrs.** Emphasizes decision-making tools and their applications in various business situations. How to solve problems of cost-volume-profit analysis; linear programming; Markov-chain gaming; the assignment problem; the transportation problem; PERT and other network models; decision theory; inventory problems; computer simulation; and waiting line models. **Prerequisite: MATH 3020.**

**BUSS 4100 Business Ethics/3 sem. hrs.** 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.

**BUSS 4200 Real Estate Practice/3 sem. hrs.** Topics include interests in real property, contracts, deeds, mortgages and other encumbrances, mortgage foreclosure procedures, title searches, title insurance, and leases. Students prepare closing documents for a residential real estate transaction. **Cross-listed with LEGS 3260. Prerequisite: LEGS 1150 or LGST 2010, or permission of coordinator.**

**BUSS 4610 Business Research Methods/3 sem. hrs.** 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. **Prerequisites: LANG 1500 or LANG 3110, MATH 3020.**

**BUSS 4620 Management Applied Project/3 sem. hrs.** This course is for students in the BPM Program who must complete an applied project, or practicum, as part of their degree requirements. Students will meet in peer study-review groups rather than a regularly scheduled class. **Prerequisites: BUSS 4610 and approved project proposal.**

**BUSS 4880 Business Strategy and Policy/3 sem. hrs.** 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. **Prerequisites: ECON 2010; ECON 2020 or ECON 3150; FINC 3010; LANG 2010 or LANG 3120; and senior standing.**

**BUSS 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced topics in business 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 differing content.

**BUSS 4990 Independent Study in Business/1-12 sem. hrs.** The student designs and carries out an independent research project. Faculty supervision is provided on an individual basis. **Prerequisite: written consent of instructor and division director.**

**COOP 3811 Cooperative Education I in Business /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**COOP 3911 Cooperative Education II in Business /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites: COOP 3811, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.**

**INTN 3811 Internship I in Business /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**INTN 3911 Internship II in Business /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites: INTN 3811, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.**

## CHEMISTRY (CHEM)

**CHEM 1040 Chemistry and Society/3 sem. hrs.** Students in this course are provided with knowledge of chemical principles, mainly in terms of concepts. They will evaluate the importance of scientific inquisitiveness in everyday life. The course discussion will include, but is not limited to, topics such as chemical inventions, environmental chemistry, food chemistry, energy sources, synthetic materials, medicinal chemistry, biochemicals, consumer chemicals, chemical warfare agents, and poisons.

**CHEM 1100 Fundamentals of Chemistry/3 sem. hrs.** This course is an introduction to general chemistry. It will start with a foundation of energy and the nature of matter. Upon this foundation, students will investigate chemical reactions, chemical nomenclature, and reaction stoichiometry and continue with chemical periodicity, chemical bonding, and acid/base theory. The course concludes with an introduction to kinetics, equilibrium, redox, materials science, and radiation.

**CHEM 1101 Fundamentals of Chemistry Lab/1 sem. hr.** 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 scientific method will be emphasized, and students will be involved with 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. **This course is taken in conjunction with CHEM 1100.**

**CHEM 2300 General Chemistry I/Lab/4 sem. hrs.** Basic chemical calculations, periodicity, bonding, inorganic reactions, and kinetics. First half of General Chemistry Continuum. Includes laboratory sessions. **Prerequisite: MATH 1200 with a C- or better.**

**CHEM 2310 General Chemistry II/Lab/4 sem. hrs.** Continuation of General Chemistry Continuum including thermodynamics, acid-base reactions, electrochemistry, and nuclear chemistry. Includes laboratory sessions. **Prerequisite: CHEM 2300 with a C or better.**

**CHEM 3200 Essentials of Organic Chemistry/4 sem. hrs.** 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 2310.**

**CHEM 3250 Bioorganic Chemistry/Lab/4 sem. hrs.** 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 2310.**

**CHEM 3300 Organic Chemistry I/Lab/4 sem. hrs.** 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 2310.**

**CHEM 3310 Organic Chemistry II/Lab/4 sem. hrs.** Continuation of CHEM 3300, Organic Chemistry I/Lab, includes laboratory sessions. **Prerequisite: CHEM 3300 with a C or better.**

**CHEM 4000 Chemistry of Natural Products/Lab/4 sem. hrs.** This course deals with the isolation, structural identification, biosynthesis, and synthesis of secondary

metabolites such as terpenes, polyketides, eicosanoids, alkaloids, lactams, and shikimic acid derivatives. Also included in the course are the primary metabolites (carbohydrates, lipids, proteins, and polynucleotides), their chemistry, biological activity, biosynthesis, physiological role, and ecological significance. Emphasis will be given to pharmaceutically active natural products. **Prerequisite:** CHEM 3300 with a C+ or better.

**CHEM 4990 Independent Study in Chemistry/1-12 sem. hrs.** 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 department director.

### COMMUNICATIONS (COMM)

**COMM 2010 Introduction to Journalism/3 sem. hrs.** Training in the elements of reporting with emphasis on the modern news story. Students will learn the elements of news, the style and structure of news writing, and the technology of newspaper production. **Corequisite:** LANG 1500.

**COMM 2020 Introduction to Broadcast Journalism/3 sem. hrs.** 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 productions. **Corequisite:** LANG 1500 or COMM 2030.

**COMM 2030 Introduction to Broadcast Technology/3 sem. hrs.** Students will be trained in using the equipment appropriate to modern broadcasting conditions in television and/or radio, including broadcast equipment and computer-oriented broadcasting devices. **Corequisite:** LANG 1500.

**COMM 2100 Mass Media/3 sem. hrs.** 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 with the mass media, and the nature and implications of developing media technologies.

**COMM 2510 Intermediate Telecommunications/3 sem. hrs.** Students will be introduced to technological skills and tools that will assist them in modern communications, such as electronic publishing, electronic graphics, mainframe networks, electronic databases, and more. **Prerequisite:** TECH 1110 or equivalent.

**COMM 3010 Ethical Issues in Communication/3 sem. hrs.** Students will explore ethical issues specific to the communications industry.

**COMM 3100 Gendered Images in Popular Culture/3 sem. hrs.** 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.

**COMM 4010 Information Theory/3 sem. hrs.** Students will examine the theoretical foundations of the "information society" and information theory, by examining the works of major theorists such as Claude Shannon and those whom he has influenced. **Prerequisite:** senior standing or permission of instructor.

**COMM 4900 Special Topics in Communication/3 sem. hrs.** 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 department approval. **Prerequisite, except for career students:** one course in communications listed above.

### COOPERATIVE EDUCATION (COOP)

COOP 3810 Cooperative Education I in Accounting  
COOP 3811 Cooperative Education I in Business  
COOP 3812 Cooperative Education I in Computer Science  
COOP 3814 Cooperative Education I in Humanities  
COOP 3815 Cooperative Education I in Legal Studies  
COOP 3819 Cooperative Education I in Psychology  
COOP 3820 Cooperative Education I in Legal Assistant Studies

1-3 sem. hrs. A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

COOP 3910 Cooperative Education II in Accounting  
COOP 3911 Cooperative Education II in Business  
COOP 3912 Cooperative Education II in Computer Science  
COOP 3914 Cooperative Education II in Humanities  
COOP 3915 Cooperative Education II in Legal Studies  
COOP 3919 Cooperative Education II in Psychology  
COOP 3920 Cooperative Education II in Legal Assistant Studies

1-3 sem. hrs. A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** Cooperative Education I, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

### CORE STUDIES IN PROFESSIONAL AND LIBERAL STUDIES (CORE)

**\*CORE 1410 Journey I/3 sem. hrs.** The metaphor of life as a journey provides the vehicle for this exploration. Students will examine literary and other creative works as well as participate in the process of documenting their own undergraduate journey.

**\*CORE 1420 Human Nature, Human Behavior/3 sem. hrs.** An examination of the biological and environmental influences that shape the individual. An analysis of classic and contemporary sources will help the student think critically about basic theories and issues such as nature versus nurture, the mind/body dichotomy, cognitivism, behaviorism, and the scientific explanation of behavior.

**\*CORE 1430 The Living Earth: An Environmental Perspective/3 sem. hrs.** Students will study the science of ecology and the impact made by humans on the environment. The course will help students gain a more complete and genuine understanding of the cause-and-effect relationships that operate in the environment, thereby providing a basic perspective by which they can evaluate their own responsibility to the long-term sustainability of the biosphere.

**\*CORE 1440 Other Voices, Other Visions: Multicultural Perspectives/3 sem. hrs.** This course examines the role of "world view;" encourages an appreciation of different people and cultures; and fosters respect for diversity in local, national, and international environments.

**\*CORE 2450 Individual and Social Systems/3 sem. hrs.** A study of the nature of institutions and the reciprocal relationship between individuals and institutions. Emphasizes in particular the goal of developing a sense of community and social responsibility among students and the faculty.

**CORE 2460 Economic Transformations and Society/3 sem. hrs.** This course will study the impact of economic interactions based on the assumption that the economy is merely one aspect of a whole ecological, social, and political fabric. Economic systems and issues will be analyzed within the broader context of human rights, environmental consequences, and ideological goals and outcomes.

**\*CORE 3470 Ethical Systems/3 sem. hrs.** An examination of ethical systems that instruct in matters related to moral action, moral judgment, and responsibility. Ways of reviewing contemporary moral issues such as abortion, euthanasia, and racial discrimination are among individual topics. **Prerequisite:** requires junior standing.

**CORE 4480 Journey II: The Capstone Experience/ 3 sem. hrs.** This course is intended as a capstone experience, meant to tie together various themes and subjects which the student has studied in other core classes. Students will use the journey metaphor to explore their own personal and professional journeys now and after graduation. **Prerequisite:** requires senior standing.

### CRIMINAL JUSTICE (CRJU)

**CRJU 2200 Criminal Law and Procedure/3 sem. hrs.** This course covers the study of both substantive criminal law and criminal procedure. 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; and sentencing and appeal. **Also offered as LEGS 3050.**

**CRJU 2300 Introduction to Law Enforcement/3 sem. hrs.** Study of the police including its historical development, functions, operations, and organizations.

**CRJU 3000 The Criminal Justice System/3 sem. hrs.** Study of the role and operation of the courts in the administration of criminal justice, and of the processes involved in charging and prosecuting defendants.

**CRJU 3200 Correctional Theory and Practice/3 sem. hrs.** Study of the historical development and current status of correctional theories and practices.

#### COMMUNICATION SCIENCES AND DISORDERS (CSAD)

**CSAD 2000 Introduction to Hearing, Speech, and Language/3 sem. hrs.** Understanding of speech, language, and hearing disorders and their classifications, manifestations, and etiologies.

**CSAD 4050 Audiology/3 sem. hrs.** Instruction in test administration and in interpretation of standard and specialized tests of auditory function. **Prerequisites:** CSAD 3020, CSAD 3040, and CSAD 3050.

**CSAD 3010 Phonetics/3 sem. hrs.** History, theory, and application of phonetics, including sampling and transcription techniques.

**CSAD 3020 Anatomy and Physiology of the Speech and Hearing Mechanisms/3 sem. hrs.** Introduction to the anatomy and physiology of the auditory and vocal mechanisms.

**CSAD 3030 Speech and Language Development/3 sem. hrs.** Study of prelinguistic and psycholinguistic variables related to normal development from infancy through adolescence.

**CSAD 3040 Neuroanatomy/3 sem. hrs.** Introduction to the anatomy and physiology of the developing and mature human nervous system.

**CSAD 3050 Hearing and Speech Science/3 sem. hrs.** Physical bases and process of the production and perception of hearing, language, and speech.

**CSAD 3060 Directed Observation/1 sem. hr.** Twenty-five hours of observations, evaluation, and management of clients, and class discussion of observations of evaluation and management of clients.

**CSAD 4010 Evaluation of Speech and Language Disorders/3 sem. hrs.** 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 sem. hr.** 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 sem. hrs.** Overview of treatment strategies used in management of communication disorders.

**CSAD 4040 Treatment Practicum/1 sem. hr.** Participation in clinical management of clients having communication disorders. A minimum number of contact hours required.

#### COMPUTER AND INFORMATION SCIENCES (CSIS and CSEE)

**CSIS 1400 Discrete Mathematics/3 sem. hrs.** An introduction to the concepts and techniques of discrete mathematical structures that are used in the theory and application of computer science. Topics covered include logic, set theory, relations, functions, recurrence relations, matrices, algebraic structures, and graph theory. **Prerequisites:** MATH 1250 and TECH 1110 or equivalent.

**CSIS 1600 Logic Design/3 sem. hrs.** This course will give the students an introduction to the basic fundamentals and elements of logic design. The course covers the number theory, fundamentals of Boolean algebra, state diagrams, combinational and sequential circuits, and design techniques with logic array components. **Prerequisites:** MATH 1250 and TECH 1110 or equivalent.

**CSIS 1900 Computer Programming I/4 sem. hrs.** 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, compiling, linking, executing, debugging, variables, types, assignments, inputs, outputs, function definitions, function applications, conditionals,

selection statements, iteration statements, arrays, files, classes, methods, and pointers through program development. **Prerequisites:** MATH 1250 and TECH 1110 or equivalent.

**CSIS 2200 Business Oriented Language (COBOL)/4 sem. hrs.** A study of the COBOL programming language with emphasis on business applications. Students apply a structured, multiphase program 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 sem. hrs.** 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 sem. hrs.** A detailed analysis of the operation of assemblers. Assembler features, assembly language programming, and macro facilities. Assembly language programs will be written as part of this course. **Prerequisites:** CSIS 1600 and CSIS 1900.

**CSIS 2600 C++ Programming Language/4 sem. hrs.** An introduction to Object-Oriented programming using the C++ language. The design and implementation of programs using class libraries. Topics include data types, in-line and overloaded functions and operators, class types and members, access and protection of members and friends, constructors and destructors, and streams. **Prerequisite:** CSIS 1900.

**CSIS 2950 Computer Programming II/4 sem. hrs.** 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. **Prerequisites:** CSIS 1400 and CSIS 1900.

**CSIS 3000 Introduction to Computer Graphics through Applications/3 sem. hrs.** This course explores the principles underlying computer graphics through the use of powerful computer graphics programs and accessible computer graphics programming languages. Tools to be used include Visual Basic, PostScript, HyperCard, PhotoShop, Illustrator, TrueSpace, and graphical extensions to the Scheme programming language, as well as applications for such specialized tasks as ray tracing, morphing, and constructing fractal landscapes. **Prerequisite:** CSIS 1900.

**CSIS 3010 Organization of the Computer Environment/3 sem. hrs.** 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 Internet Programming/3 sem. hrs.** 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 2950.

**CSIS 3060 Digital Design/3 sem. hrs.** 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 3080 Cooperative Education/0 sem. hrs.** Work placement for a period of 16-18 weeks. Placement will be directly related to the student's program of study.

**CSIS 3110 Foundations of Computer Science/4 sem. hrs.** Included are the mechanization of abstraction in computer science, propositional 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 1900 and MATH 2100.

**CSIS 3200 Organization of Programming Language/3 sem. hrs.** 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 3250 Networks and Data Communication/3 sem. hrs.** 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. **Prerequisite:** CSIS 3400.

**CSIS 3310 Object-Oriented Programming/4 sem. hrs.** An advanced course in Object-Oriented programming. Includes advanced programming techniques of inheritance, virtual functions, and polymorphism. The principles of reusability, composition, and aggregates are developed. Fundamental abstract data types such as stacks, queues, and forward and backward linked-lists are used for problem solving. **Prerequisite:** CSIS 2600.

**CSIS 3400 Data Structures/4 sem. hrs.** A course in fundamental data structures and their application in the context of C++. Advanced data structure concepts are developed including paged binary trees, B and B++ trees, hashing, directed graphs, matrices, set manipulation, and finite state machines. Quantitative analysis of algorithms are employed. Advanced sorts and string searches are developed for data manipulation and class libraries implemented for complicated heterogeneous data files like multimedia. Advanced concepts of abstraction with bags and polymorphism are investigated. **Prerequisite:** CSIS 2950.

**CSIS 3420 Introduction to File Structures/3 sem. hrs.** An introduction to the concepts and techniques of structuring data on bulk storage devices. File access techniques of structuring used on storage devices and file input/output are covered. **Prerequisite:** CSIS 3400.

**CSIS 3530 Introduction to Artificial Intelligence/3 sem. hrs.** Introduction to the basic concepts and techniques of AI and expert systems. Topics include logic, problem solving, knowledge 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. **Prerequisites:** CSIS 3110, CSIS 3400, and MATH 2200.

**CSIS 3610 Numerical Analysis/3 sem. hrs.** 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 sem. hrs.** 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, management of large software projects. **Prerequisite:** CSIS 3400.

**CSIS 3810 Operating Systems Concepts/3 sem. hrs.** Methods in the analysis and design of large-scale systems, including concepts of semaphores, processes, linear address space, resources allocation, protection, basic topics in operating system development. **Prerequisites:** CSIS 3400, MATH 2200, and MATH 4500.

**CSIS 4010 Computer Security/3 sem. hrs.** 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 4050 Computer Architecture/3 sem. hrs.** 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, CSIS 3110, and CSIS 3810.

**CSIS 4310 Distributed Data Processing/4 sem. hrs.** 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 3250 and CSIS 3400.

**CSIS 4350 Introduction to Robotics/3 sem. hrs.** Principles and concepts of modern robots and automated systems are developed: robot's intelligence, drive methods, motion control, and software and hardware support. **Prerequisite:** requires senior standing.

**CSIS 4530 Database Management/3 sem. hrs.** 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 3400.

**CSIS 4600 Systems Programming/4 sem. hrs.** 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, CSIS 3110, and CSIS 3400.

**CSIS 4610 Design and Analysis of Algorithms/3 sem. hrs.** 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 Interactive Computer Graphics/3 sem. hrs.** 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 the graphic environment is defined and new development platforms for graphics in windows are investigated. **Prerequisite:** CSIS 3400.

**CSIS 4710 Advanced Microcomputer Applications Interfacing/3 sem. hrs.** This course will deal with the hands-on use of a microcomputer utilizing word processor, spreadsheet, database interfacing with programming languages, and introduction to decision support systems and expert systems. **Prerequisites:** requires senior standing and TECH 1110 or equivalent.

**CSIS 4800 Introduction to Compilers and Interpreters/3 sem. hrs.** 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 sem. hrs.** The concepts of the UNIX operating system are presented. Topics include system commands, system editors, awk, sed, 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 sem. hrs.** 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 4890 Special Topics in Computer Information Systems/3 sem. hrs.** 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. **Prerequisites:** requires senior standing or consent of instructor.

**CSIS 4900 Directed Project/3-8 sem. hrs.** A major project will be completed by the student under the direction of a faculty member. **Prerequisite:** requires senior standing.

**CSIS 4960 Design Automation/3 sem. hrs.** System design using automated tools such as MAGIC and SPICE. **Prerequisites:** CSEE 3050 and senior standing.

**CSEE 3050 Electronics for Computer Science Majors/3 sem. hrs.** An introduction to network analysis and electronic circuitry. Definitions of circuit parameters and components: voltage, current, resistance, capacitance, and inductance. Fundamental circuit analysis techniques, series and parallel combinations of components, transistor and diode characteristics and their applications in logic circuits, differences in existing manufacturing technologies for VLSI such as C-MOS, N-MOS, P-MOS. **Prerequisite:** CSIS 1600.



**CSEE 4600 Microprocessor Applications/3 sem. hrs.** Applications in the design and stimulation of microprocessor-based systems. **Prerequisite:** requires senior standing.

**COOP 3812 Cooperative Education I in Computer Science /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**COOP 3912 Cooperative Education II in Computer Science /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** COOP 3812, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3812 Internship I in Computer Science /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3912 Internship II in Computer Science /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** INTN 3812, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

## ECONOMICS (ECON)

**ECON 2010 Principles of Macroeconomics/3 sem. hrs.** A study of basic economic concepts as they apply to the aggregate economy. Topics include concepts of national income and its determination, economic fluctuations, monetary and fiscal policies, and economic growth. Students who have completed ECON 3150 may not enroll for this course.

**ECON 2020 Principles of Microeconomics/ 3 sem. hrs.** Examines the processes of price determination output and resources allocation in perfect and imperfect competition. Topics include labor economics, international trade and finance, and alternative economic systems.

**ECON 3150 Macroeconomics for Managers/3 sem. hrs.** An examination of basic economic concepts and economic issues of the aggregate economy. Provides a historical overview of economic philosophers. Students who have completed ECON 2010 may not enroll in this course.

**ECON 3160 Economics of Social Issues/3 sem. hrs.** This course provides the analytical tools necessary for understanding the economic aspects of contemporary social issues. Topics include analysis of poverty, higher education, crime, pollution, unemployment, and government and economic policies.

**ECON 3210 Monetary Theory and Policy/3 sem. hrs.** 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. **Prerequisites:** ECON 2010 and 2020.

**ECON 3550 International Economics/3 sem. hrs.** Reviews theories and practices of trade, comparative advantage, trade barriers, balance of payments, economic development, and regional economic integration. **Prerequisites:** ECON 2010 and 2020.

**ECON 4210 Business Cycles and Forecasting/3 sem. hrs.** Emphasizes the aggregate fluctuation in business. Reviews theories on the causes of business cycles. Describes the methods of measuring business cycles and forecasting cyclical behavior with the aid of indicators. **Prerequisite:** ECON 2010.

**ECON 4910-4980 Advanced Special Topics/3 sem. hrs.** Examines advanced topics in economics that are not included in regular course offerings. Specific content and prerequisites are announced in the course schedule for the given term. Students may reenroll for Special Topics covering different content.

## EARLY CHILDHOOD EDUCATION (EDEC)

**EDEC 1130 Family Systems/3 sem. hrs.** Students in this course will be introduced to family systems theory and will be provided with a basic understanding of the field of family therapy as it applies to systems consultations with families and schools. A resource-based approach to working with children and parents that highlights family strengths and attends to larger systems issues will be stressed. **Cross-listed with SOCL 1130.**

**EDEC 3102 Child, Family, and Community Health Issues/3 sem. hrs.** Students in this course will study how to promote maximum growth and psychological safety of young children. Emphasis is placed on the indicators and procedure to ameliorate child abuse and neglect. Sources of community support and resources to support prevention and family strength will be highlighted.

**EDEC 3201 Sociological Foundations of Early Childhood/3 sem. hrs.** 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.

**EDEC 3203 Diagnosis/Assessment/Evaluation of Young Children I/3 sem. hrs.** 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 includes the construction, selection, interpretation, and evaluation of diagnostic instruments. The role of technology in testing, record maintenance, and composition of IEP/IFPS's will be discussed/modeled.

**EDEC 3301 Management Strategies for Typical and Atypical Children I/3 sem. hrs.** Students in this course will apply behavioral techniques in a multiplicity of settings for typical/atypical children through the age of eight. The importance of consistency of these applied behavioral techniques in a variety of environments and collaboration of all involved will also be emphasized.

**EDEC 3302 Language Development of Typical and Atypical Children I/3 sem. hrs.** Students in this course will examine the physical, cognitive, and social-emotional development that underlies the acquisition of language of typical and atypical children from birth to eight years of age. The differences in language development of children that reflect cultural and socioeconomic differences will be explored as well as the impact of typical/atypical language development on educational practices and strategies. Students will plan and implement activities that meet unique developmental needs in a broad spectrum of settings with different educational philosophies.

**EDEC 3304 Family and Community Involvement/3 sem. hrs.** 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 between school, community, and home in our multiethnic society.

**EDEC 3500 Meeting the Special Needs of All Children/3 sem. hrs.** This course combines on-site visits to exemplary community programs that concentrate on meeting the special needs of children from birth to eight years old. Students 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 students will consider the successes, challenges, and barriers of each model. They will explore how collaboration of services can work towards the goal of meeting the special needs of all children and their families.

**EDEC 3599 Special Topics in School-Age Child Care/3 sem. hrs.** 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.

## EDUCATION (EDUC)

**EDUC 1100 Exploration of the Education Profession/3 sem. hrs.** This course is designed to provide students with an orientation to the education profession and

to the requirements of the Undergraduate Teacher Education Programs at Nova Southeastern University. The education profession is viewed through the perspective of five roles of educators. The roles of educators as teachers and learners, leaders and advocates, colleagues, managers, and supportive members of families and communities are studied in the context of education in society. Students also engage in self-reflection and analysis of their perceptions of these five roles, and they assess their personal characteristics in relation to these roles. This course utilizes a variety of delivery systems and community and professional resources.

**EDUC 1410 Personal Career Development/3 sem. hrs.** This course includes the process of career development applied to the student identifying vocational interests and aptitudes, obtaining information about occupations, gaining experiences through practicums and cooperative education, and establishing career plans. Useful for students adjusting to the college role. **Identical to MGMT 1410 and PSYC 1410.**

**EDUC 2250 Caring for Infants and Toddlers/3 sem. hrs.** This course is offered through the Family Center and is designed for administrators in child care centers who are providing or planning to provide a program for infants and toddlers. The course provides the knowledge base for implementing a high-quality early childhood program. At the same time it provides trainees with hands-on opportunities to enhance their own abilities to identify and meet family needs, create a developmentally appropriate environment, respond to individual differences in families and infants, and create individual plans for continuing their own professional growth. This course is designed to meet CDA requirements in this area.

**EDUC 2260 Administration of Early Childhood Programs/3 sem. hrs.** A survey course that is offered through the Family Center and identifies the responsibilities of early childhood administration and the competencies needed to discharge them successfully. This course is designed to meet CDA requirements in this area.

**EDUC 3000 Clinical Experiences/0 sem. hrs.** Clinical experience required. Placement is provided for a 16-week period. This requires fingerprinting and security clearance and once the placement form is completed and processed, the school system will provide the actual placement. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period.

**EDUC 3001 Benchmark I/0 sem. hrs.** Benchmark requirements include: passing of the CLAST or PPST; placement tests as necessary; completion of preprogram questionnaire and self-assessment; meeting with assigned faculty mentor for portfolio assessment; and background check for field experiences. Students register for Benchmark I concurrently with Block #1 courses, EDUC 3320, ELEM 3530, EDUC 3340, and ELEM 4330 or the required courses for ESE majors; early childhood majors; or middle school science majors.

**EDUC 3170 Instructional Materials/3 sem. hrs.** Use of a variety of materials in an educational program, including literature, media, and independent-learning material. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EDUC 3320 Sociological Foundations of Education/3 sem. hrs.** Examines the institution of schooling in its social, political, legal, historical, and philosophical contexts with an emphasis on current trends in the professions. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Cross-listed with EMDS 3320.**

**EDUC 3330 ESOL Strategies for Limited English Proficient Students/3 sem. hrs.** Survey course that addresses key competency requirements from each of the five ESOL endorsement courses. It is required of all education majors, as this course serves as a foundational overview for any additional course work in the area of ESOL studies. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Cross-listed with EMDS 3330.**

**EDUC 3340 Psychological Foundations of Teaching/3 sem. hrs.** Provides a theoretical foundation for teaching. Students study theories of learning, motivation, and child development in relation to planning and implementation of instruction for diverse learners. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Cross-listed with EMDS 3340. Prerequisite: PSYC 1020.**

**EDUC 3350 Survey of Exceptional Student Education/3 sem. hrs.** 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 via classification processes, the continuum of services, and the utilization of community services. Current trends and issues, such as viewing learning styles of exceptional learners in relation to Gardner's are discussed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisites: EDUC 1100, EDUC 3320, EDUC 3330, and EDUC 3340.**

**EDUC 3400 Administrative Leadership and Decision Making for Early Childhood/3 sem. hrs.** This course is offered through the Family Center and is a review of various leadership styles and decision-making techniques as they apply to the administrator's responsibilities in finance and budget, program development and evaluation, and home and school relationships. This course is designed to meet CDA requirements in this area.

**EDUC 3410 Curriculum Decisions of Early Childhood Programs/3 sem. hrs.** This course is offered through the Family Center and involves a study of curriculums and activities to meet the student population's needs, with subsequent decisions as to appropriate methods, necessary materials, and use of time and space. Leadership in staff development to implement the decisions is included. This course is designed to meet CDA requirements in this area.

**EDUC 3500 Clinical Experiences/0 sem. hrs.** Clinical experience required. Placement is provided for a 16-week period. This requires fingerprinting and security clearance and once the placement form is completed and processed, the school system will provide the actual placement. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period.

**EDUC 3501 Benchmark II/0 sem. hrs.** Benchmark requirements include: passing the ACT with a score of 20 or the SAT with a score of 840 or the SATR with a score of 950 and portfolio assessment with a faculty mentor. Students register for Benchmark II concurrently with Block #2 courses, EDUC 3520, ELEM 4350, EDUC 3540, and ELEM 4340 or the required courses for ESE majors; early childhood majors; or middle school science majors.

**EDUC 3520 Principles and Practices of Instruction and Assessment I/3 sem. hrs.** 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, 10 hours of clinical experience are required. **Prerequisites: EDUC 1100, EDUC 3320, and EDUC 3340.**

**EDUC 3540 Principles and Practices of Instruction and Assessment II/3 sem. hrs.** 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, 10 hours of clinical experience are required. **Prerequisites: EDUC 1100, EDUC 3320, EDUC 3340, and EDUC 3520.**

**EDUC 3620 Drug Prevention and Education/3 sem. hrs.** 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 community. Methods for designing, implementing, and evaluating effective prevention programs among various cultures is examined. This course is designed to be of immediate practical use to counselors, teachers, and other professionals interested in effective drug prevention and education.

**EDUC 3630 First Aid and Emergency Care: Responding to Emergencies/3 sem. hrs.** This course is designed to prepare the student with first aid knowledge necessary to perform immediate and temporary care for most accidents, injuries, sudden illness, and emergencies. This course would also provide accident prevention information and personal safety. American Red Cross (ARC) certification available. **Materials fee.**

**EDUC 3640 Prevention and Treatment of Athletic Injuries/3 sem. hrs.** This course is designed to provide an in-depth study of the practices and techniques utilized in the prevention, care, and rehabilitation of injuries and accidents occurring in physical education, recreation, and athletics. Included would be the use of strapping, taping, and other support methods in a laboratory experience. **Materials fee.**

**EDUC 4000 Clinical Experiences/0 sem. hrs.** Clinical experience required. Placement is provided for a 16-week period. This requires fingerprinting and security clearance and once the placement form is completed and processed, the school system will provide the actual placement. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period.

**EDUC 4001 Benchmark III/0 sem. hrs.** Benchmark requirement is portfolio assessment with a faculty mentor. Students register for Benchmark III concurrently with Block #3 courses, ELEM 4520, ELEM 3550, ELEM 4550, and ELEM 4540 or the required courses for ESE majors; early childhood majors; or middle school science majors. Students may not register for Block #3 or Benchmark III until Benchmark I and Block #1 courses have been completed. Students must complete Benchmark III before registering for their teaching internship.

**EDUC 4120 Children's Literature/3 sem. hrs.** This course will explore various genres of children's literature, examine authors who have made important contributions, and determine literary and artistic criteria used to evaluate the literature. Students will have an opportunity to view and assess a variety of media that can be used to enhance the classroom literature program. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EDUC 4170 Adolescent Literature/3 sem. hrs.** A study of the type of literature available for the adolescent, with an emphasis on text selection and presentation. Students will examine ways of incorporating literature into the curriculum. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisites:** LANG 1500, LANG 2000, and EDUC 1100.

**EDUC 4320 Integrating Instructional Technology in the Classroom/3 sem. hrs.** 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 10 hours of observation and participation in a clinical setting are required. Cross-listed with EMDS 4320. **Prerequisites:** TECH 1110, EDUC 1100, EDUC 3320, EDUC 3340, EDUC 3520, and EDUC 3540.

**EDUC 4340 Learning Assessment/3 sem. hrs.** This course emphasizes those elements of measurement and evaluation that are essential to good teaching and the role that assessment plays in the instructional process. Emphasis is placed on the ability to construct and select tests and other evaluation instruments that provide valid measures of the intended learning outcome. The role of portfolio, authentic, and alternative assessments in the evaluation process is also examined. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EDUC 4360 Reading and Study Skills in the Middle and Secondary School/3 sem. hrs.** Designed specifically for content area teachers, this course examines the role of reading and study skills in subject area instruction. The focus is on how to help middle- and high-school students develop appropriate strategies for reading and learning from textbooks and other expository materials. Identifying and correcting reading problems, identifying text-based difficulties, and developing compensatory instructional strategies are addressed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisite:** EDUC 1100.

**EDUC 4501 Benchmark IV/0 sem. hrs.** Benchmark requirements include: completion of the PRAXIS test or the Florida Teacher Certification Exam; completion of the postprogram questionnaire and self-assessment; and meeting with the faculty mentor for portfolio assessment. Students register concurrently for Benchmark IV and Block #4 courses, EDUC 4560, ESED 3350, EDUC 4320, and ELEM 4530. Students may not register for Benchmark IV or Block #4 until they have completed Benchmark II and Block #2. Students must complete Benchmark IV before graduating.

**EDUC 4560 Classroom Management for Typical and Atypical Learners in the Multicultural Classroom/3 sem. hrs.** Explores various models for classroom management and the factors that influence classroom management (time, space, student motivation, and diversity) as they relate to effective teaching for all populations. This course contains required classroom management competencies for elementary and ESE majors. This course is specifically designed to be taken with the internship and is the only course approved to be taken with the internship. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Cross-listed with ESED 4560. Prerequisites:** EDUC 1100, EDUC 3320, EDUC 3340, EDUC 3520, and EDUC 3540.

**EDUC 4570 Internship/Seminar/9 sem. hrs.** A 16-week comprehensive review and practical application of educational philosophy, curriculum organization, and instructional methodology through a seminar format and a concurrent 14-week supervised student teaching assignment. **Cross-listed with EMDS 4570. Prerequisite:** written consent of internship coordinator.

**EDUC 4630 Principles of Coaching/3 sem. hrs.** Emphasis on theory and practice in coaching sports.

**EDUC 4640 Administration of Athletic Programs/3 sem. hrs.** A study of the duties and responsibilities of the athletics director for the purpose of improving the athletic program.

**EDUC 4680 Structural Linguistics/3 sem. hrs.** A study of the structure of language, basic principles of linguistics. Survey of different approaches and techniques used in language study. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EDUC 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced topics in education 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.

### EARLY CHILDHOOD EDUCATION (0-4) (EECB)

**EECB 4103 Active Learning and the Young Child/3 sem. hrs.** Students in this course will explore the role of activity and play in human development from birth to age eight. Students will be introduced to developmentally appropriate methods of play assessment, play facilitation, and intervention. Observation experiences will focus on recognizing developmental and individual characteristics of young children. Opportunities to provide materials and active learning experiences to support these characteristics will take place. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECB 4104 Indoor/Outdoor Learning Environments/3 sem. hrs.** Students will be provided with information on how safe, healthy learning environments meet applicable rules and regulations as well as center/home accreditation standards. A framework for understanding indoor and outdoor learning environments that support active learning and the adult's role in creating and maintaining environments that recognize developmental and individual differences will be emphasized. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECB 4105 Practices and Delivery Systems of Early Childhood Programs/3 sem. hrs.** Students in this course will explore, compare, and contrast developmentally appropriate practices and delivery systems of high-quality early childhood programs. Emphasis will be placed on theoretical and research foundations of programs, curriculum content, staffing, and scheduling patterns. The role of the triad of child, parent, and teacher in the structure of programs will be underscored. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECB 4401 Management Strategies in Early Childhood of Typical and Atypical Children II/3 sem. hrs.** Students in this course will examine appropriate, developmentally sensitive strategies for managing behavior in typical and atypical children. Proactive strategies and performing functional analysis of behavior will be addressed. Behavior reduction programs and crisis management will be discussed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECB 4402 Instructional Technology for the Learning Environment/3 sem. hrs.** Students in this course will cover the successful integration of technological applications in a multiplicity of child care and early learning environments. The focus is on program management, technology for staff development, technological support for typical and atypical children, and technology to facilitate children's development and learning. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECB 4403 Discovery and Exploration of the Physical World Through Science and Mathematics/3 sem. hrs.** Students in this course will utilize concrete materials and strategies that encourage the development of cognitive abilities that contribute to a

young child's skill and acquisition for math and science concepts through activities utilizing developmentally appropriate practices. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECB 4404 Emergent Literacy and the Creative Arts/3 sem. hrs.** Students in this course will examine the relationship between the development of language/communication and its connection to emergent literacy. The focus will be on the acquisition of pre-reading and pre-writing skills through developmentally appropriate activities, creating environments and teaching strategies/techniques that promote and enhance the development of literacy which occurs through the integration of creative expression in 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.

#### EARLY CHILDHOOD EDUCATION PRIMARY (age 3-grade 3) (EECP) (Certification in prekindergarten/primary)

**EECP 4103 Active Learning/3 sem. hrs.** This course explores the role of activity and play in human development from birth to age eight. Students will be introduced to methods of play assessment, facilitation, intervention, and the concept of care that is developmentally appropriate. Observation experiences in high-quality early care and education settings will focus on recognizing developmental as well as individual characteristics of young children. Students will have the opportunity to provide materials and active learning experiences to support development and learning in young children. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECP 4104 Indoor/Outdoor Learning Environments/3 sem. hrs.** This course provides the student with information about how to recognize and create safe, healthy learning environments that not only meet applicable rules and regulations but high-quality indices such as center/home accreditation standards. Issues of scheduling, staffing patterns, and curriculum orientation will provide a framework for understanding indoor and outdoor learning environments that support active learning and the adult's role in creating and maintaining early care and education environments that recognize developmental and individual differences. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECP 4105 Practices and Delivery Systems of Early Childhood Programs/3 sem. hrs.** Students in this course will explore, compare, and contrast developmentally appropriate practices and delivery systems of high-quality early childhood programs. Emphasis will be placed on theoretical and research foundations of programs, curriculum content, staffing, and scheduling patterns. Underscored will be the role of the triad of child, parent, and teacher in the structure of programs in early care and education settings. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECP 4401 Management Strategies in Early Childhood of Typical and Atypical Children II/3 sem. hrs.** Students in this course will examine appropriate and developmentally sensitive strategies for managing behavior in typically and atypically developing children ages three through 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 as students complete an internship in a public school K-3 setting. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECP 4402 Instructional Technology for Pre-k/Primary Settings/3 sem. hrs.** Students in this course will cover the spectrum of conceptual understanding for the use of technology in early childhood education as well as the technical skills for computer operation in prekindergarten/primary classroom environments. This course is intended for students in teaching preparation programs and teachers who wish to acquire the skills and knowledge necessary for the successful integration of technology into typical/atypical prekindergarten/primary settings for learning and administrative purposes. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECP 4403 Discovery and Exploration of the Physical World Through Mathematics and Science/3 sem. hrs.** This course has been designed to provide a contextual base for an assessment approach to individualized math and science programs which will assist preschool and primary-school children in constructing fundamental concepts through developmentally appropriate activities. This course is intended to prepare prospective teachers to become skillful at providing children with ideas for promoting student exploration and reflection of the fundamental concepts and

interrelationships of science and math. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EECP 4404 Social Studies Integrated with Emergent Literacy in the Creative Arts/3 sem. hrs.** Students will learn how to use an integrated approach to a curriculum in which social studies content, literature, and language arts are central. Students in this course will examine appropriate content and methodology in the area of emergent literacy. This course focuses on the planning of social studies and literacy curriculum activities through art, music, drama, and movement. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

#### ELEMENTARY EDUCATION (ELEM)

**ELEM 1100 Introduction to Early Childhood Education I/3 sem. hrs.** This course focuses on meeting the physical and intellectual needs of the preschool child. Topics include characteristics of the learning environment conducive to safety and good health, as spelled out in state and local licensing procedures and rules for healthful living; a program to foster the growth of physical, affective, and cognitive competencies in the preschool child. This course is offered through the Family Center and is designed to meet requirements for the CDA Program.

**ELEM 1110 Introduction to Early Childhood Education II/3 sem. hrs.** Topics include fostering language growth and the development of a health self-concept, stages in language development and implementation to ensure optimum growth for the individual child, identification of the children's strengths and their potential contributions to their positive self-image. This course is offered through the Family Center and is designed to meet requirements for the CDA Program.

**ELEM 1120 Introduction to Early Childhood III/3 sem. hrs.** Topics include promoting development through management skills and parent/community involvement; the child as a member of his school, home, and play groups; principles of good management that contribute to an orderly, productive classroom setting; establishing mutual respect in teacher/parent relationships and an effective reporting procedure of a child's progress; and teacher/staff relationships that ensure a commitment to the goals of the center. This course is offered through the Family Center and is designed to meet requirements for the CDA Program.

**ELEM 3330 Assessment of Reading II/3 sem. hrs.** This course presents a more in-depth analysis of reading disabilities, including theories and practical techniques of teaching remedial, corrective, and advanced reading in grades K-12. In addition to class meetings, at least 10 hours of clinical experience are required.

**ELEM 3530 Science Curriculum for Elementary Education Majors/3 sem. hrs.** This course examines the pre-k through 12th grade 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 are required. **Prerequisites:** EDUC 1100, EDUC 3320, and EDUC 3340.

**ELEM 3550 Methods of Teaching Science in the Elementary School/3 sem. hrs.** 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:** EDUC 1100, EDUC 3520, and EDUC 3540.

**ELEM 4330 Mathematics Curriculum for Elementary Education Majors/3 sem. hrs.** This course examines the pre-k through 12th grade 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:** EDUC 1100, EDUC 3320, and EDUC 3340.

**ELEM 4340 Methods of Teaching Language Arts in the Elementary School/3 sem. hrs.** 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. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisites:** LANG 1500, LANG 2000, EDUC 1100, EDUC 3320, and EDUC 3340.

**ELEM 4350 Methods of Teaching Mathematics in the Elementary School/3 sem. hrs.** This course encompasses modern trends in elementary mathematics based on the National Council of Teachers of Mathematics guidelines. Problem solving strategies and manipulative and computer technology will be explored. In addition to class meetings, at least 10 hours of clinical experience are required. **Prerequisites:** EDUC 1100, EDUC 3320, EDUC 3340, and ELEM 3530.

**ELEM 4520 Methods of Teaching Literacy in the Elementary School/3 sem. hrs.** 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. In addition to class meetings, at least 10 hours of clinical experience are required. **Prerequisites:** EDUC 3340, EDUC 3520, and ELEM 4340.

**ELEM 4530 Methods of Teaching Art, Music, and Physical Activity in an Integrated Elementary Curriculum/3 sem. hrs.** Examines the methodology for the integration of music, art, and health education into the elementary school curriculum. Age and grade appropriate methods, materials, activities, and assessment for each area will be introduced through practical applications that are based on current research. In addition to class meetings, at least 10 hours of clinical experience are required. **Prerequisites:** EDUC 3320, EDUC 3340, EDUC 3520, and EDUC 3540.

**ELEM 4540 Reading Assessment I/3 sem. hrs.** Examines recent trends in testing of word recognition and comprehension techniques. Students learn the appropriate use of methods and materials to improve reading performance. The rationale for each assessment technique is discussed and practical application with an elementary school youngster is required. In addition to class meetings, at least 10 hours of clinical experience are required. **Prerequisites:** EDUC 3320, EDUC 3340, EDUC 3520, EDUC 3540, and ELEM 4520.

**ELEM 4550 Methods of Teaching Social Studies in the Elementary School/3 sem. hrs.** Examines content, methodology, program development, appropriate activities, and evaluative techniques for elementary social studies. In addition to class meetings, at least 10 hours of clinical experience are required. **Prerequisites:** EDUC 1100, EDUC 3320, EDUC 3340, and EDUC 3520.

## MIDDLE SCHOOL SCIENCE EDUCATION

**EMDS 3000 Clinical Experiences - EMDS/0 sem. hrs.** Clinical experience required. Placement is provided for a 16-week period. This requires fingerprinting and security clearance and once the placement form is completed and processed, the school system will provide the actual placement. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period.

**EMDS 3001 Benchmark I - Middle School Science/0 sem. hrs.** Benchmark requirements include: passing of the CLAST or PPST; placement tests as necessary; completion of preprogram questionnaire and self-assessment; meeting with an assigned faculty mentor for portfolio assessment; and background check for field experiences. Students must meet with their academic advisor.

**EMDS 3320 Sociological Foundations of Education/3 sem. hrs.** Examines the institution of schooling in its social, political, legal, historical, and philosophical contexts with an emphasis on current trends in the professions. **Cross-listed with EDUC 3320.**

**EMDS 3330 ESOL Strategies for Limited English Proficient Students/3 sem. hrs.** This is a survey course that addresses key competency requirements from each of the five ESOL endorsement courses. It is required of all education majors, as this course serves as a foundational overview for any additional course work in the area of ESOL studies. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Cross-listed with EDUC 3330.**

**EMDS 3340 Psychological Foundations of Teaching/3 sem. hrs.** Provides a theoretical foundation for teaching. Students study theories of learning, motivation, and child development in relation to planning and implementation of instruction for diverse learners. **Cross-listed with EDUC 3340. Prerequisite:** PSYC 1020.

**EMDS 3350 Benchmark II - Middle School Science/0 sem. hrs.** Benchmark requirements include: passing the ACT with a score of 20, the SAT with a score of 840, or the SATR with a score of 950 and portfolio assessment with a faculty mentor. Students must meet with their academic advisor.

**EMDS 3500 Clinical Experiences - EMDS/0 sem. hrs.** Clinical experience required. Placement is provided for a 16-week period. This requires fingerprinting and security clearance and once the placement form is completed and processed, the school system will provide the actual placement. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period.

**EMDS 3520 Principles and Practices for Middle and Secondary School/3 sem. hrs.** Explores three pedagogical models useable 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 by planning, implementing, and assessing lessons in an actual classroom. In addition to class meetings, 10 hours of clinical experience are required.

**EMDS 3530 Science Standards for Middle and Secondary School/3 sem. hrs.** This course focuses on grade 4-12 science curriculum content based on the National Research Council (NRC) and Florida Sunshine State Standards. 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. The student will record the classroom exploration of each strand in a journal as a permanent record of the knowledge composing the grade 4-12 science curriculum. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required.

**EMDS 4000 Clinical Experiences - EMDS/0 sem. hrs.** Clinical experience required. Placement is provided for a 16-week period. This requires fingerprinting and security clearance and once the placement form is completed and processed, the school system will provide the actual placement. This placement will be the setting for all clinical experiences required with courses taken throughout this 16-week period.

**EMDS 4001 Benchmark III - Middle School Science/0 sem. hrs.** Benchmark requirement is portfolio assessment with a faculty mentor. Students must meet with their academic advisor. Students may not register for Block #3 or Benchmark III until Benchmark I and Block #1 courses have been completed. Students must complete Benchmark III before registering for their teaching internship.

**EMDS 4320 Integrating Instructional Technology in the Classroom/ 3 sem. hrs.** 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 10 hours of observation and participation in a clinical setting are required. **Cross-listed with EDUC 4320. Prerequisites:** TECH 1110, EDUC 3320, EDUC 3340, EDUC 3520, and EDUC 3540.

**EMDS 4501 Benchmark IV - Middle School Science/0 sem. hrs.** Benchmark requirements include: completion of the PRAXIS test or the Florida Teacher Certification Exam; completion of the postprogram questionnaire and self-assessment; and meeting with a faculty mentor for portfolio assessment. Students register concurrently for Benchmark IV and Block #4 courses. Students may not register for Benchmark IV or Block #4 until they have completed Benchmark II and Block #2. Students must complete Benchmark IV before graduating.

**EMDS 4550 Teaching Science in the Middle and Secondary School/3 sem. hrs.** Methods for teaching science in the multicultural middle and secondary classroom including: hands-on approaches, multimedia resources and materials, and ideas drawn from the students' own experiences. Development of teaching skills and analysis of materials, methods, and programs for teaching science will be based on guidelines established in the Florida Sunshine State Standards. Instructional technology reinforcing the activity-based learning style in this content area will be identified. There will be clinical experiences observing students in science activities and presenting science lesson plans to students in local community school classrooms related to the major.

**EMDS 4560 Classroom Management in Middle and Secondary School/3 sem. hrs.** Explores various models for classroom management and the factors that influence classroom management (time, space, student motivation, and diversity) as they relate to effective teaching for all populations. Course contains required classroom management competencies for middle school science education majors. This course is specifically designed to be taken with the internship and is the only course approved to be taken with the internship. **Prerequisites:** EDUC 1100, all EMDS courses, and all other courses required by the major.

**EMDS 4570 Internship/Seminar/9 sem. hrs.** A 16-week comprehensive review and practical application of educational philosophy, curriculum organization, and instructional methodology through a seminar format and a concurrent 14-week supervised student-teaching assignment. **Cross-listed with EDUC 4570. Prerequisite: written consent of internship coordinator.**

#### ENVIRONMENTAL SCIENCE/STUDIES (ENVS)

**ENVS 1100 Environmental Science I/3 sem. hrs.** Environmental Science I provides students with a broad overview of a highly interdisciplinary subject by examining how man can best live with the Earth's environment. The first semester concentrates on the biological nature of environmental science: NIMBY, environmental justice, ecofeminism, biological communities, biodiversity, population, food, and hunger.

**ENVS 1101 Environmental Science I Lab/1 sem. hr.** The laboratory series connects science with teaching and the real world. Students are taught how to convert scientific themes into investigative packs of the curious nature of the middle-school student. The course will be taught in a format that utilizes easily accessible equipment or supplies and uses resources that are 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 sem. hrs.** 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 sem. hr.** The laboratory series connects science with teaching and the real world. Students are taught how to convert scientific themes into investigative packs of the curious nature of the middle-school student. The course will be taught in a format that utilizes easily accessible equipment or supplies and uses resources that are 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 3100 Environmental Issues/3 sem. hrs.** 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. Topics include population growth, the new clean water act, recycling, and global warming. This course will complement the oral communication class, which students will take during the same semester.

**ENVS 3350 Environmental Law and Policy/3 sem. hrs.** Environmental Law and Policy 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. **Cross-listed with LGST 3350.**

**ENVS 3360 Environmental Ethics/3 sem. hrs.** Environmental Ethics examines the relationship between contemporary environmental problems and their philosophical roots, as well as explores the moral foundations of various stances toward the environment. Different moral theories will be analyzed allowing students to develop intelligent responses to environmental problems. **Cross-listed with PHIL 3360.**

**ENVS 4300 Industrial Ecology/3 sem. hrs.** Industrial ecology is a new way of thinking about economy-environment interactions. It is the means by which humanity can deliberately and rationally approach and maintain a desirable carrying capacity, given continued economic, cultural, and technological

evolution. Topics considered 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.

**ENVS 4500 Practicum in Environmental Science/3-9 sem. hrs.** This is a nonpaying work and/or research experience. The position must be related to the student's academic program. Each participating student will be assigned a faculty sponsor with whom a tutorial contract will be written outlining the academic work to be completed during the practicum. Students must have an earned cumulative GPA of 2.5 or higher and must have completed a minimum of 36 academic credit hours. Students may accumulate up to nine credits working on one or several experiences.

**ENVS 4600 Practicum in Environmental Studies/3-9 sem. hrs.** This is a 10-20 hour-per-week nonpaying work experience. The position must be related to the student's academic program with specific interest in either ecotourism or sustainability. Each participating student will be assigned a faculty sponsor with whom a tutorial contract will be written outlining the academic work to be completed during the internship. Students must have an earned cumulative GPA of 2.5 or higher and must have completed a minimum of 36 academic credit hours.

**ENVS 4999 Symposium in Environmental Science/Studies/0 sem. hrs.** A required component for the environmental science/studies majors is attending a weekly symposium. Local, state, national, and international experts representing a variety of disciplines found under the environmental science/studies umbrella are invited to present papers and presentations about current research and projects they are developing. The purpose of the symposium series is to reveal the most current issues in the fields, as well as provide current information on the opportunities available to students.

#### EXCEPTIONAL STUDENT EDUCATION (ESED)

**ESED 3530 Educational Assessment of Exceptional Students/3 sem. hrs.** 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 are required. **Prerequisites: EDUC 1100, EDUC 3320, EDUC 3330, EDUC 3340, EDUC 3350, and EDUC 3520.**

**ESED 3540 Introduction to Language Development and Speech Disabilities/3 sem. hrs.** 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 are required. **Prerequisites: EDUC 1100, EDUC 3320, EDUC 3330, EDUC 3340, EDUC 3350, EDUC 3520, and ESED 3530.**

**ESED 3550 Vocational/Functional Life Skills/3 sem. hrs.** 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 from kindergarten through adulthood in the areas of vocational and social needs are explored and applied. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisites: EDUC 1100, EDUC 3320, EDUC 3330, EDUC 3340, EDUC 3350, EDUC 3520, ESED 3530, and ESED 3540.**

**ESED 4330 Education of the Mildly Handicapped/3 sem. hrs.** Nature and needs (definitions, learning characteristics, prevalence, incidence, etiology, medical aspects) of mildly handicapped students are stressed. Curricular planning, prevention, and intervention strategies for exceptional learners (emotionally handicapped, mildly mentally handicapped, and specific learning disabled) from kindergarten through adulthood in resource room or full inclusion settings are explored and applied. Professional organizations, array of services, utilization community services, IEPs, and placement processes are emphasized. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisites: EDUC 3350, ESED 3530, and ESED 3540.**

**ESED 4360 Educational Programming for the Emotionally Handicapped/3 sem. hrs.** 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:** EDUC 1100, EDUC 3320, EDUC 3330, EDUC 3340, EDUC 3350, EDUC 3520, EDUC 4320, ESED 3530, ESED 3540, ESED 3550, ESED 4330, ELEM 4340, and ELEM 4350.

**ESED 4530 Classroom Procedures for Mentally Handicapped/3 sem. hrs.** 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, developmental 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:** EDUC 1100, EDUC 3320, EDUC 3330, EDUC 3340, EDUC 3350, EDUC 3520, EDUC 4320, ESED 3530, ESED 3540, ESED 3550, ESED 4330, ESED 4360, ELEM 4340, ELEM 4350, and ELEM 4520.

**ESED 4550 Methods and Materials for Teaching SLD Learners/3 sem. hrs.** 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 are required. **Prerequisites:** EDUC 1100, EDUC 3320, EDUC 3330, EDUC 3340, EDUC 3350, EDUC 3520, EDUC 4320, ESED 3530, ESED 3540, ESED 3550, ESED 4330, ESED 4360, ESED 4530, ELEM 4340, ELEM 4350, ELEM 4520, and ELEM 4540.

**ESED 4560 Classroom Management of the Exceptional Student/3 sem. hrs.** Emphasis is placed on educational management of exceptional students. Includes classroom organization and behavior management techniques for students in kindergarten through high school. Consultation and peer collaboration skills for the inclusion model are stressed. Domains II and V are explored and applied. In addition to class meetings, a minimum of 10 hours of observation and participation to design and implement a behavior management plan in a clinical setting are required. **Cross-listed with EDUC 4560.**

#### ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL) (For teacher education students only)

**ESOL 4901 Methods of Teaching ESOL/3 sem. hrs.** 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 of observation and participation in a clinical setting are required. **Prerequisite:** EDUC 3330.

**ESOL 4902 ESOL Curriculum and Materials Development/3 sem. hrs.** 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, VCRs, audio cassettes, etc. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisite:** EDUC 3330.

**ESOL 4903 Cross-Cultural Studies/3 sem. hrs.** 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 4904 Linguistics for ESOL Educators/3 sem. hrs.** This course deals with the basic systematic and subsystematic organization of language, including phonology, morphology, syntax, and possible linguistic interferences in these areas for 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 are required. **Prerequisites:** EDUC 3330, ESOL 4901, ESOL 4902, and ESOL 4903.

**ESOL 4905 Testing and Evaluation in ESOL/3 sem. hrs.** Participants will learn to identify suitable ESOL assessment instruments and placement tests for ESOL students. Students will be required to identify available tests and construct necessary ESOL test items in the cultural and language arts areas. The design and interpretation of appropriate testing—proficiency and achievement measures—as well as the interpretation of such assessment will be stressed. Necessary record keeping of these documents will be discussed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting are required. **Prerequisites:** EDUC 3330, ESOL 4902, ESOL 4903, ESOL 4904.

#### FINANCE (FINC)

**FINC 1000 Academy of Finance/3 sem. hrs.** A series of five courses given by the Broward County School Board to high-school juniors and seniors.

**FINC 2030 Financial and Accounting Management in Health Care/3 sem. hrs.** Use of accounting information in making managerial decisions. Topics include third-party payers, volume forecasting, budgeting procedures, and rate-setting techniques. Offered in HCS only.

**FINC 2130 Personal Finance/3 sem. hrs.** Surveys personal financial strategy. Provides guidelines for borrowing money, investments, insurance, home ownership taxes, and consumer rights.

**FINC 3010 Corporation Finance/3 sem. hrs.** Applies financial management to organizations. Topics include ratio analysis, leverage, cash budgeting, and capital structure. **Prerequisite:** ACCT 2100.

**FINC 3110 Financial Management/3 sem. hrs.** A continuation of Corporation Finance. Topics include present value analysis, rate of return, and other techniques used to evaluate investment alternatives. **Prerequisite:** FINC 3010.

**FINC 3150 Banking and Financial Institutions/3 sem. hrs.** Studies the operation in commercial banks, savings and loan associations, and savings banks. Topics include loans, mortgages, bonds, investments, trusts, marketing, and auditing. Discusses the impact of federal and state regulations on financial institutions.

**FINC 4110 Principles of Investments/3 sem. hrs.** Investment management is emphasized including financial statements and portfolio management. Analyzes financial statements, the use of rating services such as Moody's and Standard and Poor's, and compares growth and income investments. **Prerequisite:** ECON 2010.

**FINC 4550 International Finance and Banking/3 sem. hrs.** Topics include international monetary systems, foreign exchange markets, exchange rates, international financial institutions, and capital markets. **Prerequisite:** FINC 3010.

**FINC 4910-4980 Advanced Special Topics/3 sem. hrs.** 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 differing content.

#### GEOGRAPHY (GEOG)

**GEOG 2050 Survey of Geography/3 sem. hrs.** 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 2260 Conservation of Natural Resources/3 sem. hrs.** Study of the natural resources within the framework of the man-environment system. Included are problems relating 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 2280 Introduction to Oenology: The World of Wines/3 sem. hrs.** Study of major wine regions of the Western world. Examines fundamentals of wine history, vine cultivation, and wine production. Course will teach students about the varieties of wines from different wine regions and will provide students with guidelines for selecting and enjoying wines for various occasions. **Prerequisite: must be the legal drinking age.**

**GEOG 2910-2990 Special Topics/3 sem. hrs.** 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 differing content.

**GEOG 3000 Geography of Ecotourism/3 sem. hrs.** 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 4910-4980 Advanced Special Topics/3 sem. hrs.** 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.

## GENDER STUDIES (GEST)

**GEST 2050 Introduction to Gender Studies/3 sem. hrs.** 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.

**GEST 3110 Gender, Sexuality, and the Family/3 sem. hrs.** This course considers the socialization into masculine and feminine identities, sexual and reproductive choices, and examines the cultural context in which values about sexuality and gendered roles within the family are formed. **Cross-listed with SOCL 3110.**

**GEST 3300 Gender at Work/3 sem. hrs.** 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. **Cross-listed with SOCL 3300.**

**GEST 3360 Psychology of Gender/3 sem. hrs.** This course examines theories about, as well as the psychological and social factors related to, gendered-identities, roles, and behaviors. **Cross-listed with PSYC 3360.**

**GEST 4900 Special Topics in Gender Studies/3 sem. hrs.** 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.

## HISTORY (HIST)

**HIST 1030 American History to 1865/3 sem. hrs.** 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 1040 American History Since 1865/3 sem. hrs.** 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 2050 The American Experience/3 sem. hrs.** An examination of several of the key structures and ideas that have shaped the development of the United States as a particular political, social, and cultural entity.

**HIST 2090 Early Western Society/3 sem. hrs.** A historical study of the major political, social, economic, philosophical, and religious movements shaping Western society in the period preceding the rise of modern states.

\* **HIST 2100 Roots of Western Society/3 sem. hrs.** A historical examination of Western society prior to the rise of modern nations emphasizing such interdisciplinary subjects as politics, social order, economics, and the religious and philosophical ideas that have created the Western heritage.

**HIST 2110 Modern Western Society/3 sem. hrs.** A historical examination of modern western society since the rise of modern nations emphasizing political, social, and economic movements, and the religious and philosophical ideas that have shaped its development.

**HIST 2130 The Formation of Latin America/3 sem. hrs.** Ancient America to the Mexican Revolution: 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.

**HIST 2140 Modern Latin America/3 sem. hrs.** The 20th and 21st centuries: 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.

**HIST 2160 African Studies/3 sem. hrs.** African traditions and the challenge of modern development: an interdisciplinary overview of traditional African systems and societies and their impact on the development of political, social, and economic institutions; the legacy of European colonialism to emerging African nations; the challenge of development in the 20th and 21st centuries.

**HIST 2250 The Pacific Rim/3 sem. hrs.** The challenge of development in Southeast Asia and Latin America: using selected Southeast Asian and Latin American nations as focal points, the course provides an interdisciplinary overview of systems and societies in two distinct regions of the world and their relationship to past and future development. The goal of this course is to establish in the student a hemispheric and global consciousness.

**HIST 3010 Constitutional History I/3 sem. hrs.** 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. **Prerequisite: LGST 2010.**

**HIST 3020 Constitutional History II/3 sem. hrs.** 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 3030 Studies in American History/3 sem. hrs.** A study of a specific period in American history, such as the Civil War and Reconstruction, the New Deal Era, the Vietnam War, or recent U.S. Diplomatic history. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students: HIST 2050.**

**HIST 3040 Studies in European and Non-Western History/3 sem. hrs.** A study of a specific period in European or non-Western history, such as Europe in the 20th century, the Holocaust, or modern African history. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students: HIST 2100.**

**HIST 4900 Special Topics in History/3 sem. hrs.** Advanced studies in selected topics in history, such as the historiography of the Progressive Movement, interpretations of the American Revolution, the role of technology in the American economy, or environmental history. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students: one 3000-level history course or instructor permission.**



## HOSPITALITY MANAGEMENT (HMGT)

**HMGT 3060 Hospitality and Business Law/3 sem. hrs.** An introduction to the legal aspects of managing a hospitality enterprise. Topics include essential legal information for compliance with the law as operator and customer in the context of hospitality management.

**HMGT 3130 Human Resource Development/3 sem. hrs.** Emphasizes human resource development within hospitality and tourism organizations. Contemporary theories and practices are reviewed with practical applications for the hospitality industry. **Prerequisite:** HMGT 3110.

**HMGT 3300 Food and Beverage Operations/3 sem. hrs.** Addresses management of food and beverage operations. Emphasis is on front- and back-of-the-house operations. Staffing and accounting guidelines are reviewed.

**HMGT 3310 Nutrition and Sanitation/3 sem. hrs.** Focuses on issues of health-consciousness and food quality and safety. Examines retail restaurant food service trends, marketing, recipe development, and menu planning. Topics include effective food-handling techniques, methods for prevention of food-borne illnesses, and causes of food contamination.

**HMGT 3350 Volume Food Management/3 sem. hrs.** Covers both the history of and contemporary issues in the volume food industry. Examines the various industries involved in volume feeding, and the types of services offered. Familiarizes students with processes, equipment, facilities, trends, opportunities, and challenges associated with this industry.

**HMGT 3450 Front Office and Housekeeping Operations/3 sem. hrs.** Introduces front-office procedures and back-of-the-house housekeeping operations. Front-office operations emphasize reservations, registration, night audit, checkout, and billing procedures. Housekeeping operations emphasize staff motivation, ordering and inventory control of housekeeping products, hiring of staff and basic, guestroom cleaning procedures.

**HMGT 3500 International Operations Management/3 sem. hrs.** Focuses on the procedures used in the day-to-day operations of hospitality and tourism organizations. Reviews management systems that lead to the delivery of high-quality service/products. Examines hotels, cruise ships, travel organizations, convention services, gaming, and transportation.

**HMGT 3520 Applied Research and Market Development/3 sem. hrs.** Reviews methodologies used to solve market-development problems. Acquaints the student with questionnaire design, interview and observation techniques, hypothesis testing, and descriptive and inferential statistics.

**HMGT 3600 Hospitality, Tourism, Sports, and Entertainment Law/3 sem. hrs.** Examines the laws related to each of the industries. Topics include tort liability, constitutional and statutory law, government regulations, risk management, agency principles, forms of business organization, contract law, and ethics.

**HMGT 3820 The Tourism System/3 sem. hrs.** Explores the interdisciplinary relationships of world tourism traffic flows, attractions, and entertainment events.

**HMGT 3830 Public Tourism and Cultural Events/3 sem. hrs.** Examines the art and science of celebration and the impact of special tourism events. Students develop an understanding of the planning, promotion, and management of cultural events on worldwide and local community bases.

**HMGT 3860 The Cruise Attraction/3 sem. hrs.** Provides the student with a comprehensive foundation in the cruise travel industry. Cruise travel history, facts about major cruise lines, and specialty yacht vacations are explored.

**HMGT 4020 Ethics in Hospitality Management/3 sem. hrs.** Examines the moral aspects of decision-making processes within hospitality organizations. Ethical issues include workers' and consumers' rights, managerial responsibilities, community obligations, and social responsibilities. **Prerequisites:** HMGT 3110 and HMGT 3060, or HMGT 3180.

**HMGT 4060 Legal Aspects of Tourism Events/3 sem. hrs.** Introduces the student to laws relevant to the cruise and tourism industry. **Prerequisite:** HMGT 3060.

**HMGT 4310 Restaurant Management Seminar/3 sem. hrs.** Reviews the types of restaurants and consumer perceptions of the restaurant experience. Discusses menu planning, price, merchandising, marketing, and control. **Prerequisites:** HMGT 3300 and permission of the instructor.

**HMGT 4350 Food and Beverage Purchasing/Control/3 sem. hrs.** Provides the knowledge necessary to implement an F and B purchasing program and an F and B control system in restaurants and medium-sized hotels. **Prerequisites:** HMGT 3300 and MATH 1330.

**HMGT 4370 Food Facilities Design/3 sem. hrs.** Focuses on transforming plans and budgets into a workable operation and how best to work with design experts in developing new or renovated food service designs. **Prerequisite:** HMGT 3300.

**HMGT 4500 Hospitality/Tourism Practicum/3 sem. hrs.** The practicum applies management skills in an industry setting or develops knowledge and skills in an area that is less familiar to the learner. The practicum requires a minimum of a full semester (16 week) commitment and can be taken at any point during or after the final year of study in the Hospitality Management Program.

**HMGT 4840 Special Interests and Ecotourism/3 sem. hrs.** Examines issues in the development of sustainable tourism resources including social, political, and economic factors and their impact on the environment. **Prerequisite:** HMGT 3820.

**HMGT 4850 Theme Parks and Entertainment Attractions/3 sem. hrs.** Reviews the origin of theme parks and attractions as well as the relationship between attractions, hotels, restaurants, and community infrastructure. **Prerequisite:** HMGT 3820.

**HMGT 4860 Convention/Event Planning Management/3 sem. hrs.** This application-oriented course deals with planning and managing conventions and meetings. Topics include meeting planning, exhibit services, theme design, banquet and volume food service, site selection, association organizational structure, transportation, and pre/post-conference packaging. **Prerequisite:** HMGT 3820.

**HMGT 4980 Special Topics in Hospitality/Tourism/3 sem. hrs.** Provides advanced students with the opportunity to pursue areas of major interest within the hospitality and tourism areas under the guidance of a faculty member.

## HUMANITIES (HUMN)

**HUMN 2010 The Individual and Society/3 sem. hrs.** An interdisciplinary study of humanistic values and insights, focusing on the principal questions of the individual and his/her place in society. Drawing from thought in literature, drama, philosophy, and poetry, the course seeks to find the balance among the individual, his/her desires, and the requirements of society.

**HUMN 3510 The American Experience in Literature/3 sem. hrs.** Survey of American literature with emphasis on the growth of American thought as expressed in the writings of selected American authors. (Offered in the BPM and EDU Programs only).

**HUMN 4900 Special Topics in the Humanities/3 sem. hrs.** 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 departmental approval. **Prerequisite, except for career students: one 200-level PHIL, ARTS, LITR, or HIST course.**

**HUMN 4999 Senior Project/3 sem. hrs.** An internship with a professional organization related to the arts and humanities (such as an art museum, cultural center, library, literacy program, foundation, or governmental agencies). Each student will carry out a project of his/her own choice under close faculty supervision and submit a final written assignment. Specific focus to be announced. **Prerequisite, except for career students: senior standing.**

**COOP 3814 Cooperative Education I in Humanities /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**COOP 3914 Cooperative Education II in Humanities /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** COOP 3814, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3814 Internship I in Humanities /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3914 Internship II in Humanities /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** INTN 3814, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

### INTERNSHIP (INTN)

INTN 3810 Internship I in Accounting  
INTN 3811 Internship I in Business  
INTN 3812 Internship I in Computer Science  
INTN 3813 Internship I in Education  
INTN 3814 Internship I in Humanities  
INTN 3815 Internship I in Legal Studies  
INTN 3819 Internship I in Psychology  
INTN 3820 Internship I in Legal Assistant Studies

1-3 sem. hrs. A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

INTN 3910 Internship II in Accounting  
INTN 3911 Internship II in Business  
INTN 3912 Internship II in Computer Science  
INTN 3913 Internship II in Education  
INTN 3914 Internship II in Humanities  
INTN 3915 Internship II in Legal Studies  
INTN 3919 Internship II in Psychology  
INTN 3920 Internship II in Legal Assistant Studies

1-3 sem. hrs. A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** Internship I, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

### LANGUAGE AND COMPOSITION (LANG)

**LANG 1000 Basic Writing/3 sem. hrs.** A review of basic writing skills emphasizing usage and organization based on reading and writing assignments. To prepare students for LANG 1500.

**LANG 1050 Study Skills Adjunct/1 sem. hr.** This course is designed to develop the learning and organizational skills necessary to be highly successful in the content area 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.

**LANG 1210 Elementary Spanish I/3 sem. hrs.** Essentials of Spanish language with emphasis on grammar, vocabulary, writing, and oral skills. Introduction to Spanish culture.

**LANG 1220 Elementary Spanish II/3 sem. hrs.** Continuation of LANG 1210. Essentials of Spanish language with emphasis on grammar, vocabulary, writing, and oral skills. **Prerequisite:** LANG 1210 or equivalent.

**LANG 1230 Spanish Conversation I/3 sem. hrs.** For students who want to acquire survival skills in Spanish to help them communicate with Spanish speakers. May be taken in conjunction with LANG 1210 or LANG 1220.

**LANG 1240 Spanish Conversation II/3 sem. hrs.** Continuation of LANG 1230. Further development of basic conversational skills. May be taken in conjunction with LANG 1220 or LANG 2210.

**\*LANG 1500 College Writing I/3 sem. hrs.** 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:** placement examination or LANG 1000 with a C- or higher; Polaris computer account.

**\*LANG 2000 College Writing II/3 sem. hrs.** 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. **Prerequisites:** LANG 1500 with a C- or higher and sophomore standing.

**LANG 2010 Public Communications/3 sem. hrs.** Training and practice in fundamentals of speech including methods of obtaining/organizing materials and presenting speeches effectively.

**LANG 2020 Theories of Argument and Debate/3 sem. hrs.** Students will exercise analytical and critical-thinking skills in amassing valid evidence and in constructing and refuting an argument in a debate form.

**LANG 2030 Dramatic Interpretation/3 sem. hrs.** This course will enable students to practice the use of voice and gesture as they relate to stage dialogue. Excerpts from stage monologues, dramatic readings, actual participation in theatrical productions, and an introduction to modes of acting may be included.

**\*LANG 2150 Argumentative Writing for Business/3 sem. hrs.** A writing course designed to introduce the student to various argument strategies appropriate to the business environment. Particular attention will be paid to the relative value of inductive and deductive forms of argument as well as an understanding of the differing forms of argumentative fallacies. Practice in the use of various rhetorical devices to enhance and hasten agreement.

**LANG 2210 Intermediate Spanish I/3 sem. hrs.** Readings in Spanish literature and culture. Study of Spanish idioms and syntax. Further development of oral and written Spanish. **Prerequisite:** LANG 1220 or equivalent.

**LANG 2220 Intermediate Spanish II/3 sem. hrs.** Continuation of LANG 2210. Readings in Spanish literature and culture. Study of Spanish idioms and syntax. Further development of oral and written Spanish. **Prerequisite:** LANG 2210 or equivalent.

**LANG 2230 Intermediate Spanish Conversation/3 sem. hrs.** For students with intermediate-level Spanish reading and writing competency who wish to increase their speaking and comprehension skills. May be taken with LANG 2220, LANG 3230, or LANG 3240.

**\*LANG 3000 Advanced College Writing/3 sem. hrs.** An advanced workshop and seminar course for students seeking to extend their command of exposition and argument and their mastery of prose style. Special emphasis given to writing in various professional situations. May be repeated once for credit with departmental approval. **Prerequisite:** LANG 2000.

**LANG 3020 Creative Writing: Poetry/3 sem. hrs.** 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:** LANG 1500.

**LANG 3030 Creative Writing: Fiction/3 sem. hrs.** 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.

**LANG 3110 Writing for the Professions/3 sem. hrs.** A survey of English composition skills and their applications to various writing assignments. The course emphasizes the selection and employment of appropriate styles for functional uses of written communication. Includes writing competency exam and research paper. **Prerequisite:** LANG 1500.

**LANG 3120 Public Communication for the Professions/3 sem. hrs.** Emphasis on public communication skills required of the person in business or other professions. Topics include public speaking, conference speaking, visual and audio aids, listening, and public interviews. **Prerequisite:** LANG 3110.

**LANG 3230 Advanced Spanish/3 sem. hrs.** Improvement of literacy and conversation skills. Includes a grammar review, oral and written drill, phonetic theory, and practice for speech refinement. **Prerequisite:** LANG 2220 or equivalent.

**LANG 3240 Introduction to Spanish Literature/3 sem. hrs.** Selected master works of Spanish and/or Latin American literature read in the original and critically analyzed in Spanish. **Prerequisite:** LANG 2220 or equivalent.

#### LATIN AMERICAN AND CARIBBEAN STUDIES (LACS)

**LACS 3000 Special Topics in Latin American and Caribbean Studies/3 sem. hrs.** Topics in Latin American and Caribbean studies 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 differing content.

**LACS 4850 Preparation for Field Study/3 sem. hrs.** Course consists of six preparatory seminars on the Farquhar Center campus and a two-week cultural/archaeological tour of the Maya heartland. Seminar topics and texts will prepare students for total immersion into rural Mexican life and thought and ancient and modern Mayan culture. This course is a necessary prerequisite for LAC 4860: Field Study in Latin America. Credit for LACS 4850 as a core course can be granted only upon completion of LACS 4860.

**LACS 4860 Field Study in Latin America/6 sem. hrs.** A field experience relating to selected topics in Latin American and Caribbean studies. Specific content and prerequisites are announced in the course schedule for a given term. Students may reenroll in Field Study experience covering different topics and cultures. **Prerequisite:** LACS 4850.

#### LEGAL ASSISTANT STUDIES (LEGS)

**LEGS 1150 Introduction to Law and the Legal Profession/3 sem. hrs.** 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 2010. **Also offered as** LEGS 0015/Noncredit.

**LEGS 2210 Computer Applications for the Legal Profession/3 sem. hrs.** 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 2010 or permission of the coordinator. **Also offered as** LEGS 0021/Noncredit.

**LEGS 2400 Business Relations and Organizations/3 sem. hrs.** 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. **Cross-listed with** BUSS 3500. **Pre/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **Also offered as** LEGS 0040/Noncredit.

**LEGS 3050 Criminal Law and Procedure/3 sem. hrs.** This course covers the study of both substantive criminal law and criminal procedure. 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. **Pre/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **Also offered as** CRJU 2200 and as LEGS 0005/Noncredit.

**LEGS 3100 Legal Research and Writing I/3 sem. hrs.** 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. **Pre/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **This course is not required for students who have taken** LGST 3300. **Also offered as** LEGS 0010/Noncredit.

**LEGS 3260 Real Estate Practice I/3 sem. hrs.** 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. **Cross-listed with** BUSS 4200. **Pre/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **Also offered as** LEGS 0026/Noncredit.

**LEGS 3300 Torts and Civil Litigation/3 sem. hrs.** This course covers tort law, including such topics as intentional torts, negligence, strict liability, products liability, defamation, and defenses to torts. Students also will examine the civil litigation process, including evidence, the rules of civil procedure, discovery, jury selection, and pretrial work. Students will prepare pleadings and pretrial discovery. **Pre/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **Also offered as** LEGS 0030/Noncredit.

**LEGS 3360 Wills, Trusts, and Estates I/3 sem. hrs.** 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/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **Also offered as** LEGS 0036/Noncredit.

**LEGS 3550 Family Law/3 sem. hrs.** 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/Corequisites:** LEGS 1150 or LGST 2010 or permission of coordinator. **Also offered as** LEGS 0050/Noncredit.

**LEGS 4060 Debtor and Creditor Relations /3 sem. hrs.** 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 2010, and LEGS 2400, 3100, and 3300 or permission of coordinator.

**LEGS 4110 Legal Research and Writing II/3 sem. hrs.** 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 2010 and LEGS 3100 or permission of coordinator.

**LEGS 4270 Real Estate Practice II/3 sem. hrs.** Topics will generally be chosen from among the following: title problems; mortgage foreclosures; landlord-tenant; commercial real estate transactions; condominiums; construction liens; and environmental matters. **Prerequisites:** LEGS 1150 or LGST 2010, and LEGS 3100 and LEGS 3260 or permission of coordinator.

**LEGS 4310 Advanced Litigation/3 sem. hrs.** 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 postjudgment 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 2010, and LEGS 3100 and LEGS 3300 or permission of the coordinator.

**LEGS 4370 Wills, Trusts, and Estates II/3 sem. hrs.** Topics will generally be chosen from among the following: probate litigation; mechanisms to transfer property; will and trust drafting; homestead; the federal estate and gift tax system; the Florida estate tax; and preparation of federal estate and gift tax returns. **Prerequisite:** LEGS 1150 or LGST 2010, and LEGS 3100 and 3360 or permission of the coordinator.

**LEGS 4410 Corporate Regulation and Change/3 sem. hrs.** 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 2010, and LEGS 2400 and 3100 or permission of coordinator.**

**LEGS 4470 Emerging Technologies and the Legal Profession/3 sem. hrs.** This course covers emerging technologies and their impact on the legal profession. Topics covered will include an overview on 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, LEGS 1150 or LGST 2020, and LEGS 2210, 2400, and 3100 or permission of coordinator.**

**LEGS 4510 Specialty Course/3 sem. hrs.** 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 2010, and LEGS 3100 or permission of coordinator.**

**LEGS 4560 Elder Law/3 sem. hrs.** 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 representative 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 2010, and LEGS 3100, or permission of coordinator.**

**COOP 3820 Cooperative Education I in Legal Assistant Studies /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**COOP 3920 Cooperative Education II in Legal Assistant Studies /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** **COOP 3820, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.**

**INTN 3820 Internship I in Legal Assistant Studies /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**INTN 3920 Internship II in Legal Assistant Studies /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** **INTN 3820, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.**

## LEGAL STUDIES (LGST)

**LGST 2010 Law in Action: Introduction to Legal Reasoning/3 sem. hrs.** An introduction to the structure and basic decisional processes of the American legal system. The course material examines the central issues and processes of the legal system from the perspective of their everyday working relationships and how courts work. **Prerequisite:** **LANG 1500.**

**LGST 2100 The Legal Profession/3 sem. hrs.** A study of the historical and social development of the legal profession in America from the colonial period to the present, with emphasis on the structure of legal education, ethical standards, and the public policy role of lawyers.

**LGST 2400 Comparative Legal Systems/3 sem. hrs.** 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.

**LGST 3000 Interdisciplinary Studies in Law/3 sem. hrs.** This course thematically explores interdisciplinary topics of law and society. The theme varies from term to term and may involve an exploration of one of the following relationships: children and the law, cultural minorities and the law, economic growth and the law, federalism and the law, judiciary and democracy, legal anthropology, popular culture and the law, psychology and the law, slavery and the law, and women and the law.

**LGST 3260 Judicial Politics and Process/3 sem. hrs.** This class will examine both the formal and informal practices and rules that shape the American judicial system. Utilizing 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 decision-making process. **Prerequisite:** **HIST 3020.**

**LGST 3300 Legal Research and Writing/3 sem. hrs.** Students will learn basic primary and secondary resources and legal research skills. Book, online, CD-ROM, and Internet resources will be covered. Two memorandums of law and law library research skill exercises will be required. **Prerequisites:** **LGST 2010 and junior standing required.**

**LGST 3350 Environmental Law and Policy/3 sem. hrs.** Environmental Law and Policy 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. **Cross-listed with ENVS 3350.**

**LGST 4050 Civil and Political Liberties/3 sem. hrs.** 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. **Prerequisite:** **HIST 3020.**

**LGST 4260 Private Law and Modern American Thought/3 sem. hrs.** 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. **Prerequisite:** **HIST 3020.**

**LGST 4300 Mock Trial/3 sem. hrs.** Students will learn basic trial presentation and strategy skills, including opening and closing arguments, cross and direct examination, jury selection, and voir dire. This is a performance/skill course. Each student will be required to participate in both a civil and criminal mock trial. **Prerequisites:** **LGST 3300 and senior standing required.**

**LGST 4400 Special Readings in Legal Studies/3 sem. hrs.** This reading and discussion seminar examines selected topics in legal studies. Topics vary each semester. This course may be repeated once for credit, if content changes and with departmental approval. **Prerequisite:** **senior standing or departmental approval.**

**LGST 4410 International Law/3 sem. hrs.** 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. **Prerequisite:** **junior/senior standing or instructor approval.**

**LGST 4450 Capstone Course in Legal Studies/3 sem. hrs.** Senior research and reading project. Drawing together diverse themes from legal studies, this seminar will focus on important links within the triad of law, morals, and public policy. **Prerequisite:** **HIST 3020.**

**COOP 3815 Cooperative Education I in Legal Studies /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**COOP 3915 Cooperative Education II in Legal Studies/1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** COOP 3815, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3815 Internship I in Legal Studies/1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.

**INTN 3915 Internship II in Legal Studies/1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites:** INTN 3815, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.

## LITERATURE (LITR)

**LITR 2010 British Literature/3 sem. hrs.** A survey of major literary movements and writers, from the *Beowulf* poet to the present.

**LITR 2020 American Literature/3 sem. hrs.** A survey of American literature from the Puritans to the present, emphasizing major authors and identifying themes common to different historical periods.

**LITR 2030 World Literature/3 sem. hrs.** A survey of selected masterpieces by writers who have influenced the evolution of world culture, such as Homer, Dante, and Cervantes.

**LITR 3010 Studies in British Literature/3 sem. hrs.** A study of a specific period in British literary history (e.g., the Middle Ages, the Renaissance, Romanticism, Modernism). Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2010.

**LITR 3020 Studies in American Literature/3 sem. hrs.** A study of a specific period in American literary history (e.g., the Puritans and Revolutionaries, Transcendentalists, 19th-century realists). Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2020.

**LITR 3030 Studies in World Literature/3 sem. hrs.** A study of a specific period in world literary history (e.g. the Classical era, Medieval period, the Renaissance, the Enlightenment, Romanticism, Modernism). Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2030.

**LITR 3040 Women and Literature/3 sem. hrs.** Works will be studied to acquaint students with the rich and extensive contributions of women to the various literary genres (autobiography, poetry, fiction). **Prerequisite, except for career students:** LITR 2010, LITR 2020, or LITR 2030.

**LITR 3050 Area Studies in Literature/3 sem. hrs.** A study of the literature of a specific group or region, such as Celtic and Irish literatures, Latin American and Caribbean literature, or African-American literature. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2010, LITR 2020, or LITR 2030.

**LITR 3610 Literary Genres/3 sem. hrs.** An introduction to major genres (poetry, drama, and the novel) through the reading of important works of various periods. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2010, LITR 2020, or LITR 2030.

**LITR 4060 Feminist Criticism and Theory/3 sem. hrs.** This course introduces students to contemporary feminist literary criticism and theory from Simone de Beauvoir to the present. Students will also be introduced to post-structuralist theory (including deconstruction and psychoanalysis) and its role in shaping feminist criticism. **Prerequisite, except for career students:** LITR 2010, LITR 2020, or LITR 2030.

**LITR 4700 Major Authors/3 sem. hrs.** This course will examine the life and work of a single major author from a variety of critical perspectives. Authors may include Chaucer, Shakespeare, Cervantes, Milton, Austen, Goethe, Byron, Hawthorne, James, Woolf, Joyce, or Proust. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2010, LITR 2020, or LITR 2030.

**LITR 4710 Legends and Motifs in Literature/3 sem. hrs.** This course explores a single legend or motif that has captured the imagination of authors from ancient Greece to the present. Such legends may include a single figure, such as King Arthur, Oedipus, Antigone, Don Juan, Faust, or a character type, such as the vampire, the detective, or the femme fatale. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** LITR 2010, LITR 2020, or LITR 2030.

**LITR 4900 Special Topics in Literature/3 sem. hrs.** 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 (travel literature, autobiography, etc.) or theme (literature and the city, literature and the self). Recommended for advanced students. Specific focus to be announced. May be repeated once for credit, if content changes and with department approval. **Prerequisite, except for career students:** one 3000- or 4000-level course listed above.

## MANAGEMENT (MGMT)

**MGMT 1410 Personal Career Development/3 sem. hrs.** Works with students to identify vocational interests and aptitudes, obtain information about occupations, gain experience through practicums and cooperative education, and establish career plans. **Identical to EDUC 1410 and PSYC 1410.**

**MGMT 2050 Principles of Management/3 sem. hrs.** 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.

**MGMT 2480 Industrial Psychology/3 sem. hrs.** Emphasizes a general knowledge of industrial/organizational psychology as well as its application to solving real-world problems. Topics include job satisfaction, job design and organizational development, human factors, and environmental stressors on workers. **Identical to PSYC 2480.**

**MGMT 2510 Supervisory Skills/3 sem. hrs.** 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.

**MGMT 2910-2990 Special Topics/3 sem. hrs.** Examines management topics 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.

**MGMT 3000 Fire Administration/3 sem. hrs.** Studies fire service organization and management. Topics include styles of fire department leadership, organizational structures, administrative strategies, and the legal and ethical considerations of modern fire departments. Explores future directions in fire protection management.

**MGMT 3020 Organizational Communication/3 sem. hrs.** Reviews formal and informal communication networks, communication roles, communication audits, and organizational barriers to effective communication.

**MGMT 3070 Stress Management/3 sem. hrs.** Examines the impact of stress management on the work place and the quality of work life. Topics include individual vulnerability to stressors, the environment in which that vulnerability is exposed to stressors, and the resulting behavioral symptoms. **Identical to PSYC 3070.**

**MGMT 3200 Public Administration/3 sem. hrs.** Explores the nature and scope of public administration. Topics include governmental proprietary enterprises, regulation of business, bureaucratic organization, administration, relationships, and policy making. **Prerequisite:** MGMT 2050.

**MGMT 3210 Public Budgeting, Planning, and Control/3 sem. hrs.** Reviews the concepts and processes of budgeting. Topics include essentials of risk management, managing static risk, and capital budgeting. **Prerequisite:** ACCT 2100.

**MGMT 3500 EMS Management/3 sem. hrs.** Provides an overview of management methods and procedures in emergency medical service organizations. Topics include ethical and legal considerations, budget preparation, records management, public relations, intergovernmental relations, conflict resolution, cultural diversity, and personnel management issues.

**MGMT 3550 International Management/3 sem. hrs.** 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. **Prerequisites:** BUSS 3550 and MGMT 2050.

**MGMT 3560 Substance Abuse in Business and Industry/3 sem. hrs.** Reviews alcohol and other drug-related problems in business and industry and the role of management in dealing with these problems. Studies company policies regarding substance abuse, effective educational and intervention programs, and implementation strategies. **Identical to PSYC 3560.**

**MGMT 3660 Management Information Systems/3 sem. hrs.** Discusses the use of computers in business, as well as database management and information system fundamentals.

**MGMT 3770 Production and Inventory Control/3 sem. hrs.** Analyzes systems, materials flow networks, methods of control, and forecasting of market and resource activities. Examines the criteria for determining output, pricing, capital cost, investments, and profit centers.

**MGMT 3880 Operations Management/3 sem. hrs.** Examines the methods used to control production operations and maintain quality of output. Also examines techniques for planning and scheduling manufacturing operations. **Prerequisite:** MGMT 3770.

**MGMT 4000 Project Management/3 sem. hrs.** Presents a basic survey of techniques used to improve the efficiency and effectiveness of fire protection methods. Evaluates the methods available for identifying needs, managing short- and long-term plans, and monitoring change in a systematic way.

**MGMT 4010 Health Care Organization and Administration/3 sem. hrs.** Provides an overview of health care organization in the U.S. from a systems perspective and the administrative implications of health care organization models. Offered in HCS only.

**MGMT 4020 Legal Aspects of Health Care Administration/3 sem. hrs.** Studies the liabilities and responsibilities of health care institutions and professionals. Reviews federal, state, and local regulation of health services. Offered in HCS only.

**MGMT 4050 Organization Development and Change/3 sem. hrs.** Applies behavioral science knowledge and practices to help organizations improve the quality of work life and experience strategies for achieving change.

**MGMT 4150 Legal Environment of Management/3 sem. hrs.** Surveys public law and regulation of business. Examines employer-employee, labor-management, debtor-creditor, and buyer-seller relationships.

**MGMT 4160 Personnel Administration/3 sem. hrs.** Surveys personnel policies, techniques, and methods. Topics include wage and salary management, personnel selection and placement, labor relations, and employee rights. **Prerequisite:** MGMT 2050.

**MGMT 4170 Organization Behavior/3 sem. hrs.** Explores the interaction of the individual and the organization as a dynamic interplay that affects total organizational effectiveness. Topics include the role of effective communication in the organization, motivation, leadership, and values. **Prerequisite:** MGMT 2050.

**MGMT 4200 Administrative Law/3 sem. hrs.** Introduces students to important legal issues involving administrative law and administrative process. Topics include regulation, rule making, adjudication, hearings, discretion, tort liability, and judicial review. Covers the role of administrative agencies in the regulative process.

**MGMT 4210 Issues in Public Policy/3 sem. hrs.** Case studies cover topics such as regulatory and redistributive public policies, policy evaluation, and the impact of politics on policy analysis. **Prerequisites:** MGMT 3200 and MGMT 4200.

**MGMT 4250 Strategic Human Resource Management/3 sem. hrs.** A capstone course covering the HRM function in organizations, with specific emphasis on training, development, and career pathing of employees; stress management; and labor relations and negotiations. **Prerequisites:** MGMT 4160 and 4170.

**MGMT 4300 Managing Cultural Diversity/3 sem. hrs.** Prepares students to manage in the multicultural 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.

**MGMT 4450 Labor Relations and Negotiations/3 sem. hrs.** Examines labor relations in terms of collective bargaining, contract negotiation, contract administration, mediation, and arbitration. Includes an in-depth examination of labor legislation. **Prerequisite:** MGMT 4160.

**MGMT 4500 Legal Aspects of Fire Administration/3 sem. hrs.** Reviews the laws that apply to fire service organizations and their employees. Examines the law-making authority and process at the federal, state, and local levels as it applies to emergency service personnel.

**MGMT 4910-4980 Advanced Special Topics/3 sem. hrs.** 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.

**MGMT 4990 Adv. Special Topics: Total Quality Management/3 sem. hrs.** Examines the theory and practice of total quality management (TQM) as applied in business organizations. Topics include philosophies of Demming, Juran, Crosby, and others; continuous process improvement; self-directed work teams; and building a high-quality culture.

## MARKETING (MRKT)

**MRKT 2110 Sales Management/3 sem. hrs.** Emphasizes sales-force management. Topics include selection, training, compensation, motivation, and evaluation of sales personnel. Various sales strategies appropriate to different markets are covered.

**MRKT 2210 Retail Management/3 sem. hrs.** Examines effective marketing strategies specific to the retail establishment. Topics include organizational structure, store location, personnel selection, merchandising, promotion, and service.

**MRKT 2901 Special Topics: Customer Service Theory and Practices/3 sem. hrs.** Reviews methods to measure and enhance customer service productivity. Focuses on customer service as a total organizational philosophy, techniques of motivating customer service workers, and raising consumer satisfaction.

**MRKT 2902 Special Topics: Public Relations/3 sem. hrs.** Strategies to establish and maintain goodwill between a person or organization and the public. Analyzes public relations strategies and campaigns using case studies.

**MRKT 2910-2990 Special Topics/3 sem. hrs.** Examines topics in marketing 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.

**MRKT 3050 Marketing Principles and Applications/3 sem. hrs.** Focuses on marketing concepts including consumer behavior and market analysis.

**MRKT 3010 Channels of Distribution/3 sem. hrs.** Explores the role of marketing channels in establishing an effective marketing strategy. Topics include physical distribution problems as well as the role of wholesalers, retailers, and the various types of specialized "middlemen." **Prerequisite: MRKT 3050.**

**MRKT 3080 Cooperative Education/0 sem. hrs.** Work placement for a period of 16-18 weeks. The placement will be related to the student's program of study.

**MRKT 3100 Marketing Services/3 sem. hrs.** 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: MRKT 3050.**

**MRKT 3210 Advertising and Sales/3 sem. hrs.** Introduces the basic principles and concepts of marketing communication. Focus is on effective advertising campaigns and sales promotional plans for business. **Prerequisite: MRKT 3050.**

**MRKT 3530 International Marketing/3 sem. hrs.** 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: BUSS 3550 and MRKT 3050.**

**MRKT 4210 Marketing Communication Strategies/3 sem. hrs.** Stresses the development of promotion objectives and the planning and integration of these programs with other aspects of marketing. **Prerequisite: MRKT 3050.**

**MRKT 4310 Consumer Behavior/3 sem. hrs.** Analyzes the effectiveness of marketing strategies in yielding desired consumer responses, including the push-versus-pull strategy and the selling approach versus the marketing approach. **Prerequisites: MGMT 4170 and MRKT 3050.**

**MRKT 4350 Service Quality Management/3 sem. hrs.** Develops a conceptual understanding of high-quality service marketing. Topics include the distinctive aspects of services, consumer behavior, services management, and services research. **Prerequisite: MRKT 3050.**

**MRKT 4550 Export/Import Marketing/3 sem. hrs.** 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: MRKT 3530.**

**MRKT 4710 Marketing Strategy/3 sem. hrs.** Examines marketing activities from the viewpoint of the marketing executive. Topics include strategic planning and policy formulation; the use of marketing research; test marketing of products; and intercompany coordination of pricing and promotion. **Prerequisite: MRKT 3010.**

**MRKT 4901 Advanced Special Topics: Customer Service Practicum/3 sem. hrs.** The requirements of this experiential course are: (1) The student will have passed an NSU-approved corporate training program in customer service or (2) The student will complete a customer service project under the supervision of a faculty member and a corporate sponsor.

**MRKT 4910-4980 Advanced Special Topics/3 sem. hrs.** Examines topics in marketing 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.

## MATHEMATICS (MATH)

**MATH 1000 Essential Mathematics/3 sem. hrs.** 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. **Prerequisite: placement examination required.**

**MATH 1030 Intermediate Algebra I/3 sem. hrs.** The first course in a two-course sequence designed to provide students with a full range of algebra skills. This course is designed for students who have had some algebra. Topics covered include the real numbers, polynomials, linear equations and inequalities in one and two variables, functions, and systems of linear equations. **Prerequisite: placement examination or MATH 1000 with a grade of C- or higher.**

**MATH 1040 Intermediate Algebra II/3 sem. hrs.** The second course in a two-course sequence designed to provide students with a full range of algebra skills. This course includes the prerequisite skills for Pre-Calculus I. Topics include rational expressions and functions, roots, quadratic functions, exponents and logarithms, and conic sections. **Prerequisite: Placement examination or MATH 1030 with a grade of C- or higher.**

**\* MATH 1100 Topics in Mathematics/3 sem. hrs.** A topics course designed to provide students with insights into many applications of mathematics. Emphasis on problem solving in algebra, geometry, right triangle trigonometry, and statistics. **Prerequisite: placement examination or MATH 1030 with a grade of C- or higher.**

**MATH 1200 College Algebra/3 sem. hrs.** This course is for students with a strong background in algebra. Students will study fundamental concepts of algebra: equations and inequalities; functions and graphs; and polynomial, rational, exponential, and logarithmic functions. **Prerequisite: placement examination or MATH 1040 with a grade of C- or higher.**

**MATH 1250 Trigonometry/3 sem. hrs.** 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. **Prerequisite: placement examination or MATH 1200 with a grade of C- or higher.**

**MATH 2100 Calculus I/4 sem. hrs.** 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. **Prerequisite: placement examination or MATH 1250 with a grade of C- or higher.**

**MATH 2200 Calculus II/4 sem. hrs.** Riemann sums, the definite integral, methods of integration, continuation of exponential, logarithmic functions, and inverse trigonometric functions. L'Hopital's rule and improper integrals. **Prerequisite: MATH 2100 with a grade of C- or higher.**

**MATH 3020 Applied Statistics/3 sem. hrs.** Descriptive and inferential statistics relevant to applied research, data sets, frequency distributions, probability, sampling, estimating, hypothesis testing, chi-square and ANOVA, regression and correlation, and nonparametric measures. **Prerequisites: MATH 1030 or higher.**

**MATH 3030 Applied Statistics II/3 sem. hrs.** 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 3100 Differential Equations/3 sem. hrs.** Solving first-order ordinary differential equations, exact, separable, and linear. Applications to rates and mechanics and theory of higher-order linear differential equations. Methods of undetermined coefficients and variation of parameters; application to vibration, mass, and electric circuits; and power series solutions. Partial differential equations and their application to electronics and electrical engineering problems. Solutions of initial boundary problems. Fourier series, Fourier transforms, inhomogenous problems, Laplace transforms, and introduction to numerical methods. **Prerequisite: MATH 2200.**

**MATH 3250 Euclidean Geometry/3 sem. hrs.** Plane Euclidean geometry starts with a vocabulary of terms, definitions, and postulates, then works its way into direct and indirect proofs, and then 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) to the interested individual student. **Prerequisite:** MATH 1200 with a grade of C- or higher.

**MATH 3300 Introductory Linear Algebra/3 sem. hrs.** Designed primarily for secondary math education majors, but is also appropriate for any student seeking a first course in linear algebra. The focus of the course is on matrix theory and its applications. **Prerequisite:** MATH 2200 or departmental approval.

**MATH 3350 Number Theory/3 sem. hrs.** Designed primarily for secondary math education majors. Topics covered include divisibility, theory of primes, numerical functions, and congruence classes. **Prerequisites:** MATH 2200 and MATH 3250.

**MATH 3900 History of Mathematics/3 sem. hrs.** Designed primarily for secondary math education majors. Covers 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 4050 Advanced Calculus I/3 sem. hrs.** Begins with analytic geometry and vectors in several dimensions and continues with partial differentiation of functions of several variables and its applications, including linear programming, multipliers, and linear regression. Finally, double and triple integrals and their applications are also covered. **Prerequisite:** MATH 2200 with a grade of C- or higher.

**MATH 4060 Advanced Calculus II/3 sem. hrs.** 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 with a grade of C- or higher.

**MATH 4500 Probability and Statistics/3 sem. hrs.** Probability function, random events, expectation, conditional probability distribution functions, and foundations of statistics. **Prerequisite:** MATH 2200 with a grade of C- or higher.

**MATH 4990 Independent Study in Mathematics/1-12 sem. hrs.** 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 department director.

#### OCEANOGRAPHY (OCES)

**OCES 2500 Introductory Oceanography/Lab/4 sem. hrs.** Study of the physical and life sciences as they apply to the ocean. Oceanographic sampling and laboratory analysis techniques are covered.

**OCES 4490 Research Methods/3 sem. hrs.** 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 has some familiarity with computers. **Cross-listed with BIOL 4490.**

**OCES 4500 Directed Research Project I/1 sem. hrs.** Initiation of laboratory or field research in marine biology/ecology in consultation with an advisor.

**OCES 4510 Directed Research Project II/1 sem. hrs.** Continuation of laboratory or field research in marine biology/ecology. **Prerequisite:** OCES 4500.

**OCES 4520 Directed Research Project III/1 sem. hrs.** Completion of laboratory or field research in marine biology/ecology, culminating with a thesis. **Prerequisite:** OCES 4500.

#### PHILOSOPHY (PHIL)

**PHIL 1300 Critical Thinking/3 sem. hrs.** A study of the basic conceptual tools needed to recognize, formulate, and evaluate arguments. Designed for the student who wishes to reason more effectively and critically.

**PHIL 2300 Philosophical Issues/3 sem. hrs.** A study of the basic problems, methods, and chief types of philosophy. Consideration will be given to the relation of philosophy to other forms of inquiry.

**PHIL 3180 Biomedical Ethics/3 sem. hrs.** Application of ethical theory to issues in medicine and the life sciences. The course may include such topics as abortion, euthanasia, allocation of resources, genetic engineering, and the patient-professional relationship.

**PHIL 3210 Ethics/3 sem. hrs.** A philosophical examination of major problems in ethics, including such questions as: what makes an act morally right or wrong; what is the relation of fact to value; what things are intrinsically valuable? Other topics include moral responsibility; the good life; and contemporary moral issues such as abortion, euthanasia, racial discrimination, pornography, and animal rights.

**PHIL 3220 Philosophy of Science/3 sem. hrs.** 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.

**PHIL 3330 History of Political Thought I/3 sem. hrs.** A study of the classic works of political philosophy from the ancients through the early modern period (e.g., Plato, Aristotle, Augustine, Aquinas, Machiavelli).

**PHIL 3340 History of Political Thought II/3 sem. hrs.** A study of the classic works of political philosophy from the early modern period through the present (e.g., Hobbes, Locke, Rousseau, Mill, Marx).

**PHIL 3360 Environmental Ethics/3 sem. hrs.** Environmental Ethics examines the relationship between contemporary environmental problems and their philosophical roots, as well as explores the moral foundations of various stances toward the environment. Different moral theories will be analyzed, allowing students to develop intelligent responses to environmental problems. **Cross-listed with ENVS 3360.**

**PHIL 3660 Philosophy of Law/3 sem. hrs.** 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.

**PHIL 4900 Special Topics in Philosophy/3 sem. hrs.** 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. This course may be repeated once for credit if content changes. Departmental approval required. **Prerequisite, except for career students:** PHIL 1300 or permission of instructor.

#### PHYSICAL SCIENCES (PHYS)

**PHYS 1020 Concepts in Physical Science/3 sem. hrs.** This course is designed to introduce the student to the basic concepts of physical science. The emphasis will be on the nature of science as a creative human enterprise and the key role that it plays in modern society. The course will cover mechanics, electricity and magnetism, optics, atomic and subatomic physics, the structure of matter and relativity. Conceptual understanding and the ability to apply the ideas to everyday phenomena and common technological devices will be stressed. **Prerequisite:** MATH 1030.

**PHYS 1021 Concepts in Physical Science Lab/1 sem. hr.** This laboratory series 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 middle-school student. The lab will be taught in a format that utilizes easily accessible equipment or supplies and uses resources that are generally available within the community. Laboratory exercises connect physical science with mechanics, thermodynamics, electricity, magnetism, and optics. The student will develop experiences in designing, setting up, and running an array of experiments, demonstrations, and other activities appropriate for middle-school classes.

**PHYS 1040 Environmental Studies/3 sem. hrs.** Overview of environmental science that integrates social, economic, technical, and political issues. Problems of ecological disruptions, growth of human populations, land use, energy, water supply, food supplies, pesticides, and pollution are covered. **Identical to BIOL 1040.**



**PHYS 1060 Introduction to Oceanography/3 sem. hrs.** Examination of the physical, chemical, biological, and geological properties of the world ocean. The interdisciplinary approach will introduce concepts important in understanding the development and current status of oceanographic research for the nonscience major.

**PHYS 2050 Physical Geology/Lab/4 sem. hrs.** Study of the earth, its materials, surface, and interior features and processes of formation and change. Includes laboratory sessions.

**PHYS 2150 Historical Geology/Lab/4 sem. hrs.** Study of the earth's history through geologic time; 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 sem. hrs.** 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, and solar system; the galaxy and larger structures; the composition and evolution of stars, cosmology, and exotic objects such as quasars and black holes.

**PHYS 2161 Essentials of Earth and Space Science Lab/1 sem. hr.** This laboratory series 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 middle-school student. The lab will be taught in a format that utilizes easily accessible equipment or supplies and used resources that are generally available within the community. Laboratory exercises connect earth science with geologic time periods and fossilization, mapping, weathering, and identification of major groups of 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 with the physical attributes of earth to her sister planets.

**PHYS 2350 General Physics I/Lab/4 sem. hrs.** First of a two-part series covering mechanics, thermodynamics, vibrations, and waves. Includes laboratory sessions. **Prerequisite:** MATH 1250 with a C- or better.

**PHYS 2360 General Physics II/Lab/4 sem. hrs.** Second of a two-part series covering electricity and magnetism, optics, and modern physics. Includes laboratory sessions. **Prerequisite:** PHYS 2350 with a C or better.

**PHYS 2400 Physics I/Lab/4 sem. hrs.** Basic principles of mechanics including vectors, force, equilibrium, displacement, velocity, acceleration, MASS, Newton's Laws, work energy, gravitation, momentum, rotational motion, and mechanics of systems of particles and rigid bodies. Includes laboratory sessions. **Prerequisite:** MATH 2200.

**PHYS 2500 Physics II/Lab/4 sem. hrs.** Electrostatics, electric currents, electric fields and electric potential, AC and DC circuits, magnetic fields, capacitance, inductance, and electromagnetic waves. **Prerequisite:** PHYS 2400 with a C- or better.

**PHYS 2910-2990 Special Topics/3 sem. hrs.** Topics in physical science that are not included in regular course offerings and may be taken without prerequisites. Specific content announced in the course schedule for given term. Students may reenroll for Special Topics covering differing content.

**PHYS 3010 Acoustics of Speech and Hearing/3 sem. hrs.** Introduction to the physics of sound and phonetics as related to speech communication.

**PHYS 4990 Independent Study in Physics/1-12 sem. hrs.** 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 department director.

## POLITICS AND PUBLIC AFFAIRS (POLS)

**POLS 1010 American Government and Politics/3 sem. hrs.** 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 2010 Comparative Government/3 sem. hrs.** This course will examine the elements of foreign systems of governance including constitutions, history, ideologies, institutions, and political parties. 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 2900-3000 Special Topics in Political Science/3 sem. hrs.** Advanced topics in politics and public affairs 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 differing content.

## PSYCHOLOGY (PSYC)

**PSYC 1020 Introduction to Psychology/3 sem. hrs.** An introduction to theory, research, and applications in the field of psychology. Topics include biological bases of behavior, perception, motivation, learning and memory, psychological development, personality, social psychology, and the identification and treatment of mental illness.

**PSYC 1410 Personal Career Development/3 sem. hrs.** The process of career development applied to oneself: identifying vocational interests and aptitudes, obtaining information about occupations, gaining experience through practicums and cooperative education, and establishing career plans. Useful for students adjusting to the college role. **Identical to EDUC 1410 and MGMT 1410.**

**PSYC 1640 Current Perspectives in Substance Abuse/3 sem. hrs.** An overview of the major drugs of abuse in American society today. Includes health and legal issues related to substance abuse and resources available for the treatment of chemical dependency and other drug-related problems.

**PSYC 2110 Human Sexuality/3 sem. hrs.** Anatomy/physiology of the human sexual system, human sexual response, the range of sexual behaviors, and sources of attitudes and beliefs about sexuality.

**PSYC 2130 Family Relationship Skills/3 sem. hrs.** Contemporary patterns of marriage and family living. Approaches to effective living together in family units. Coverage of both adult and parent-child relationships. Emphasis on communication, supportiveness, and contingency management. Experiential learning included. **Identical to SOCL 2130. Prerequisite:** PSYC 1020 or SOCL 2020 or CORE 2450.

**PSYC 2350 Life-Span Human Development/3 sem. hrs.** 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, lifestyles, psychological disorders, mental abilities, and death and dying will be examined. Students may not receive credit for this course if they have taken PSYC 2380.

**PSYC 2360 Adolescent Psychology/3 sem. hrs.** 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. Students may not receive credit for this course if they have taken PSYC 2380.

**PSYC 2370 Early Childhood Growth and Development/3 sem. hrs.** 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. Students may not receive credit for this course if they have taken PSYC 2380.

**PSYC 2380 Child and Adolescent Development/3 sem. hrs.** Aspects of growth and development during childhood and adolescence: physiological, cognitive, personality, and social. Students may not receive credit for PSYC 2350, 2360, or 2370 if they take this course. **Prerequisite:** PSYC 1020.

**PSYC 2390 Adulthood and Aging/3 sem. hrs.** Developmental experiences of maturity. Physiological and psychological aspects of aging. **Prerequisite:** PSYC 1020.

**PSYC 2450 Forensic Psychology/3 sem. hrs.** This course covers the interaction of psychology and the legal system. Students will learn how psychologists help courts make decisions about the competency of people to stand trial, insanity, sentencing, committing people to psychiatric treatment against their will, competency to manage one's own affairs, and awarding money for psychological harm. Students will also explore the role of psychologists in finding serial killers, dealing with hostage takers, and rehabilitating criminals.

**PSYC 2460 Health Psychology/3 sem. hrs.** This course covers stressors and health, health behavior promotion, and psychological treatment for cancer, heart disease, and other medical disorders.

**PSYC 2470 Loss, Grief, and Bereavement/3 sem. hrs.** 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 to those who will be involved in counseling.

**PSYC 2480 Industrial Psychology/3 sem. hrs.** 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. **Identical to MGMT 2480.**

**PSYC 2500 Psychology of Leadership/3 sem. hrs.** 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.

**PSYC 2800 Introductory Practicum/1-6 sem. hrs.** An introductory field experience to broaden the student's education. Placement in a research setting, community agency, or human resource department. Report required. Supervision on site and by the academic division. **Prerequisites:** PSYC 1020 and prior written approval by the department director.

**PSYC 2910-2990 Special Topics/3 sem. hrs.** Topics in psychology 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.

**PSYC 3000 Psychological Research Methods/3 sem. hrs.** Research designs commonly used in psychology: observational, experimental, and quasi-experimental. Steps in doing research including use of the APA format for writing reports. **Prerequisites:** LANG 1120, MATH 3020, and PSYC 1020.

**PSYC 3030 Experimental Psychology (Laboratory)/3 sem. hrs.** 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 sem. hrs.** 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 that vulnerability is exposed to stressors, and the resulting behavioral symptoms. **Identical to MGMT 3070.**

**PSYC 3110 Interpersonal Communication/3 sem. hrs.** Study of human communications, interpersonal relationships, and small group dynamics. Topics include verbal and nonverbal behavior, development of relationships and groups, and assertiveness and leadership. Experiential learning included.

**PSYC 3160 Issues in Social Psychology/3 sem. hrs.** Social determinants of individual behavior. Psychological issues of current social relevance such as attraction, propaganda and advertising, aggression and TV violence, prejudice, and conformity. **Prerequisite:** PSYC 1020 or CORE 1420.

**PSYC 3210 Personality/3 sem. hrs.** Survey of psychoanalytic, humanistic, cognitive, and behavioral theories of personality. Current issues and personality research. **Prerequisite:** PSYC 1020 or CORE 1420.

**PSYC 3260 Abnormal Psychology/3 sem. hrs.** 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 sem. hrs.** Behavior modification techniques applied to diverse areas such as mild and severe behavior problems in children and adults, behavioral medicine, organizational behavior, sports psychology, and self-management. **Prerequisite:** PSYC 1020 or CORE 1420.

**PSYC 3360 Psychology of Gender/3 sem. hrs.** This course examines theories about, as well as the psychological and social factors related to, gendered-identities, roles, and behaviors. **Cross-listed with GEST 3360.**

**PSYC 3450 Introduction to Interviewing and Counseling Techniques/3 sem. hrs.** 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.

**PSYC 3500 Community Psychology/3 sem. hrs.** 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. **Prerequisite:** PSYC 1020.

**PSYC 3510 Human Learning and Cognition/3 sem. hrs.** Theories and research concerning human learning and cognition. Covers conditioning, verbal learning, memory, and problem solving. **Prerequisite:** PSYC 1020 or CORE 1420.

**PSYC 3550 Substance Abuse and the Family/3 sem. hrs.** 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. **Identical to SOCL 3550.**

**PSYC 3560 Substance Abuse in Business and Industry/3 sem. hrs.** Scope and cost of alcohol and other drug-related problems in business and industry today, and the role of managers and supervisors in dealing with these problems. The formulation of company policies regarding substance abuse, effective educational and intervention programs, and strategies for implementation. **Identical to MGMT 3560.**

**PSYC 3570 The Psychology and Physiology of Substance Abuse/3 sem. hrs.** 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 sem. hrs.** 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 sem. hrs.** 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 sem. hrs.** 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 Development for Substance Abuse Counselors/3 sem. hrs.** This course examines personal and professional ethics 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 sem. hrs.** 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 3760 Multicultural Issues in Psychology/3 sem. hrs.** 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 the 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.

**PSYC 3800 Current Psychotherapies/3 sem. hrs.** 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 3910 Intermediate Special Topics/1-3 sem. hrs.** Topics in psychology 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.

**PSYC 4050 Psychological Tests and Measurements/3 sem. hrs.** Theory and use of psychological tests of ability and personality. Covers the selection, administration, scoring, and interpretation of psychological tests. **Prerequisites: MATH 3020, PSYC 1020.**

**PSYC 4150 Principles of Group Counseling/3 sem. hrs.** This course covers the essential elements of group counseling, with a specific focus upon 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 4600 Biological Bases of Behavior/3 sem. hrs.** Genetic, neural, and endocrine bases of behavior. Neuroanatomy and chemical and electrical events in the nervous system. Sensory processes, motivation, emotion, and arousal. **Prerequisites: BIOL 1020 or 1050, PSYC 1020. Identical to BIOL 4600.**

**PSYC 4800 Practicum in Psychological Research/3 sem. hrs.** Experience in doing research under the supervision of the academic division. Reading the relevant research literature, running subjects, analyzing data, and writing an APA-format report. **Prerequisites: PSYC 3000 and prior written approval by the department director.**

**PSYC 4810 Practicum in Community Psychology/3 sem. hrs.** Experience in applying psychological principles in a human services agency. Supervision on-site; weekly team meetings at the university. Written reports required. **Prerequisites: PSYC 3110; one of the following: PSYC 3300, 3450, 3800, 4150; and prior written approval by the course instructor.**

**PSYC 4830 Practicum in Substance Abuse Treatment/3 sem. hrs.** Experience in the application of knowledge concerning substance abuse treatment. Through placement in a treatment setting, students will gain practical experience in the substance abuse field. **Prerequisites: completion of at least two courses within the substance abuse studies specialty and written consent of department director.**

**PSYC 4840 Advanced Practicum in Psychology/3-6 sem. hrs.** 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. To enroll in this practicum, students need junior or senior standing and written approval of the director of undergraduate behavioral sciences and approval of the director of any graduate program where the student may be placed. **Prerequisite: PSYC 3000.**

**PSYC 4880 Senior Seminar in Psychology/3 sem. hrs.** 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. **Prerequisite: senior standing.**

**PSYC 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced topics in psychology 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.

**PSYC 4990 Independent Study in Psychology/1-12 sem. hrs.** 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 department director.**

**COOP 3819 Cooperative Education I in Psychology /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**COOP 3919 Cooperative Education II in Psychology /1-3 sem. hrs.** A 10-20 hour per week paid work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites: COOP 3819, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.**

**INTN 3819 Internship I in Psychology /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 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 credit hours, and permission of instructor. Contact coordinator of community service.**

**INTN 3919 Internship II in Psychology /1-3 sem. hrs.** A 10-20 hour per week nonpaying work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisites: INTN 3819, cumulative GPA of 2.5 or higher, completion of 36 or more credit hours, and permission of instructor. Contact coordinator of community service.**

#### COLLEGE READING (READ)

**READ 1000 College Reading/3 sem. hrs.** 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.

#### SECONDARY EDUCATION (SECE)

**SECE 3110 Teaching Social Studies in Middle and Secondary School/3 sem. hrs.** Content and methods for teaching social studies in the secondary grades. Program development, appropriate activities, and evaluation techniques will be discussed. Development of teaching skills and analysis of materials, methods, and programs for teaching social studies in the secondary schools. Reading skills necessary for the use of appropriate materials in this content area will be identified.

**SECE 3120 Teaching Science in Middle and Secondary School/3 sem. hrs.** Content and methods for teaching science in the secondary school: hands-on approaches, resources, materials, and ideas drawn from the students' experiences will all be discussed. Development of teaching skills and analysis of materials, methods, and programs for teaching science in the secondary school. Reading skills necessary for the use of appropriate materials in this content area will be identified.

**SECE 3160 Teaching Mathematics in Middle and Secondary School/3 sem. hrs.** Content, materials, and methods for teaching mathematics in the secondary school. Development of teaching skills and analysis of materials, methods, and programs for teaching mathematics in the secondary school. Reading skills necessary for the use of appropriate materials in this content area will be identified.

**SECE 3230 Teaching English in Middle and Secondary School/3 sem. hrs.** Content and methods of teaching English in the secondary school. Language development and expression. Development of teaching skills and analysis of materials, methods, and programs for teaching English in the secondary school. Reading skills necessary for the use of appropriate materials in this content area will be identified.

#### SERVICE LEARNING (SERV)

**SERV 2900-4999 Service-Learning Credit/1 sem. hr.** Each semester faculty members offer a number of one-credit courses, combining classroom instruction with community service. Specific offerings are listed in the course schedule. Depending on the project, the course may be applied toward the student's specialty. May be repeated. Prerequisite: approval of instructor.

**SERV 3980 Service-Learning and the Professions/2 sem. hrs.** Students will engage in service experiences within their future professional area and relate their experiences to current moral and social issues within professional literature and practice. Students will meet on alternative weeks and engage in required online discussions of their service and required readings. SCORE students will develop proposals for service projects. All students will examine the relationships among civic activism and social, community, and professional change; development; and responsibility.

#### SOCIOLOGY (SOCL)

**SOCL 1130 Family Systems/3 sem. hrs.** Students in this course will be introduced to family systems theory and will be provided with a basic understanding of the field of family therapy as it applies to systems consultations with families and schools. A resource-based approach to working with children and parents that highlights family strengths and attends to larger systems issues will be stressed. **Cross-listed with EDEC 1130.**

**SOCL 2020 Introduction to Sociology/3 sem. hrs.** The nature and needs of man and society, groups and institutions, social processes, and social change. Special emphasis will be placed on American culture and the impact of technology on modern man.

**SOCL 2130 Family Relationships/3 sem. hrs.** 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. Experiential learning included. **Identical to PSYC 2130. Prerequisite: SOCL 2020 or PSYC 1020 or CORE 2450.**

**SOCL 2500 Global Diversities: Issues and Perspectives/3 sem. hrs.** This course examines some of the increasingly complex and diverse issues confronting humanity. It looks at the broad, historical forces that are at work shaping the world of the 21st century and presents and analyzes a wide variety of ideologies and theories. Students are encouraged to view global issues from an international perspective, rather than from a purely American or Western point of view. Examines the great diversity of opinion that people hold on important global issues, such as population, natural resources, development, conflict and cooperation, and human rights and values.

**SOCL 2510 Social Problems/3 sem. hrs.** 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 2020 or CORE 2450.**

**SOCL 3020 Community Service Systems/3 sem. hrs.** An overview of community service institutions to assist the health care professional in meeting patients' needs. Discussion of professional issues related to community services. Offered only in HCS.

**SOCL 3030 Transcultural Issues in Health Care/3 sem. hrs.** Concepts of the social sciences as they relate to the work of the health professional. Identification of economic, social, cultural, and environmental factors that affect health care. Offered only in HCS.

**SOCL 3110 Gender, Sexuality, and the Family/3 sem. hrs.** 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. **Cross-listed with GEST 3110.**

**SOCL 3300 Gender at Work/3 sem. hrs.** 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. **Cross-listed with GEST 3300.**

**SOCL 3550 Substance Abuse and the Family/3 sem. hrs.** 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 to affecting the recovery process will be explored. Family systems theory of counseling will be introduced. Domestic violence issues will also be introduced. **Cross-listed with PSYC 3550.**

**SOCL 4000 Lesbian and Gay Cultures/3 sem. hrs.** 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.

#### SPORT AND WELLNESS (SPWS)

**SPWS 1200 Sport and Wellness Management/3 sem. hrs.** Studies the responsibilities involved in the administration of sport and wellness programs. Examines the fundamental components of sport and wellness management: personnel issues, event and facility management, marketing, promotions, fund-raising, budgeting, ethics, sports law, and public relations.

**SPWS 2200 Historical Perspectives in Sport and Wellness/3 sem. hrs.** Develops an understanding of how sport evolved within society. Examines the early assumptions about sport and wellness and how they were transformed by the social, economic, and philosophical changes taking place in society.

**SPWS 3100 Legal Aspects of Sport and Wellness/3 sem. hrs.** Reviews the legal considerations, responsibilities, and liabilities of institutions and their personnel as related to sport and wellness. Examines sport and event management, personnel relations, and governmental regulations that impact sport and wellness.

**SPWS 3300 Facility and Event Management/3 sem. hrs.** Studies the guidelines and principles of managing events and facilities. Topics include concepts in involving event logistics, critical planning techniques, negotiations, and funding.

**SPWS 3400 Financing and Fund-Raising in Sport Management/3 sem. hrs.** Reviews the basic concepts of financial management as it pertains to sport fund-raising activities. Studies specific fund-raising techniques and tactics, public relations, promotion, and publicity.

**SPWS 4200 Sport and Wellness in our Social Institutions/3 sem. hrs.** Examines sport in our social institutions from a social perspective. The place of sport in community-based programs, commercial culture, and our educational systems. Special emphasis will be on sport and social mobility.

**SPWS 4300 Sport, Wellness, and Diversity/3 sem. hrs.** Studies sport from the perspective of diversity as manifested in race, gender, religion, nationalism, and philosophy. Examines how diversity is related to the growth, development, and current status of the sport experience.

**SPWS 4400 Sport and Wellness Administration/3 sem. hrs.** Focuses on the specific details involved in administering sport and wellness programs. Topics include insurance, ticketing, personnel evaluation, and specific logistical problems.

**SPWS 4500 Sport Marketing/3 sem. hrs.** Studies public attitudes as related to the marketing of sport. Topics include demographics, market research instruments, and public relations. Utilizes an integrated approach to marketing that explores the various media outlets.

**SPWS 4800 Practicum/Field Experience I/3 sem. hrs.** Provides the student with the opportunity to link theory and practice. Participating students perform, under supervision, various activities assigned by a practicing sport manager. Approval of assignment is required.

**SPWS 4900 Practicum/Field Experience II/3 sem. hrs.** Provides the student with the opportunity to link theory and practice. Participating students perform, under supervision, various activities assigned by a practicing sport manager. Approval of assignment is required. **Prerequisite:** SPWS 4800.

## INFORMATION TECHNOLOGY (TECH)

**TECH 1110 Technology in the Information Age/3 sem. hrs.** This course covers the technology concepts and skills required for success in the information age. Students work to enhance computer operation, telecommunications, wordprocessing, spreadsheet, and database proficiency as they explore the impact of these technologies on society and the professions. Throughout the course, students utilize various online skills to communicate, research, and acquire lifelong learning skills. PCs, specialized software, and the Internet are used for hands-on learning.

**TECH 2000 Computer Technology: The Impact and Implications/3-4 sem. hrs.** Students in this course will explore the computer technology presently used in society with focus on their intended profession. They will study the impact of technology on the national culture and focus on their chosen area of study: business, health, education, the arts, etc. Students will visit a field site to observe firsthand the administrative and creative job responsibilities relating to technology in their profession. They will also explore the effects of technology on selected human issues based on their findings: interpersonal communication, equity, health, ethics, etc. Students will use the latest electronic research and presentation tools to report their findings.

**TECH 2130 Business Applications of Microcomputers/3 sem. hrs.** Theory and applications of programs for microcomputers that are useful in the business environment. Accounting, database management, and information system management programs will be included. Computer laboratory course. **Prerequisites:** ACCT 2050 and TECH 1110. **Identical to BUSS 2130.**

**TECH 2150 Introduction to Internet Resources/3 sem. hrs.** Introduction to accessing resources on the Internet. History and overview of the Internet, and standard Internet protocols, i.e., TCP/IP. Effective use of Internet search tools for research; both text-based and graphical browsers will be covered. Overview of LYNX and introduction to the Hypertext Markup Language (HTML), creating HTML documents and personal Web sites. Emphasis on extensive use of Internet tools for accessing resources for all academic disciplines. **Prerequisite:** TECH 1110 or permission of department.

**TECH 3000 Multimedia Design/3 sem hrs.** This course teaches the basic skills of documentation, design, and production of information for both synchronous and asynchronous presentations. Programs used in this course will include PhotoShop, QuarkXpress, and video production software. Students will build Web sites, use digital photography to create brochures and publications, and learn to make effective presentations about a variety of topics. Students should have a working knowledge of the Internet, the World Wide Web, and PowerPoint presentation software.

**TECH 3520 Emerging Technology in Education/3 sem. hrs.** 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 utilizing technology. **Prerequisite:** EDUC 4320.

**TECH 3530 Multimedia Technology for Educators/3 sem. hrs.** Students learn the theories and concepts of multimedia design, presentation, and interactive delivery. They use various software packages in projects to enhance curriculum and its delivery in the various content areas. Teachers focus on multimedia and hypermedia as authentic learning tools for their future students to enhance knowledge and meet their ever-expanding needs in the 21st century. **Prerequisite:** EDUC 4320.

**TECH 4050 Business Data Communication/3 sem. hrs.** Introduction to basic business data communications for managers. Protocols, services, interfaces, and platforms for the transmission of data across local and wide area networks will be discussed. Emphasis will be on managerial decisions regarding topology, equipment, network design, and software development. A project-management approach will be utilized. Topics will include synchronous and asynchronous communication, bridges, routers, ISDN, ATM, and the OSI model. **Prerequisite:** TECH 1110.

**TECH 4510 Utilizing Technology to Develop Curriculum/3 sem. hrs.** Students explore current methodologies utilizing state-of-the-art technology as tools within the curriculum to meet specific educational objectives in the content areas as well as enhancing delivery. In this hands-on class, students examine and analyze the issues and consequences of the explosion of information and how to implement it in thematic units to strengthen the delivery of the curriculum. The aspects of human-computer interface is examined with emphasis on redesigning text-based instruction to increase effectiveness through use of technology when and where it is appropriate. **Prerequisite:** TECH 3520.

**TECH 4990 Independent Study in Technology/1-12 sem. hrs.** 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 department director.

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Ph.D. Florida International University

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D.B.A. Nova University

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B.S. Augustana College

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M.A. Northwestern University

Ed.D. Nova Southeastern University

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M.A. University of Michigan

Ph.D. University of Michigan

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B.A. Florida Technological University

M.A. Michigan State University

Ph.D. Michigan State University

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M.A. Ohio State University

Ph.D. Ohio State University

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B.A. University of Massachusetts

M.A. University of British Columbia

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**NSU OVERVIEW,  
ADMINISTRATION,  
AND POLICIES**  
■ ■ ■ ■ ■ ■ ■ ■ ■ ■

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**ABOUT  
NOVA SOUTHEASTERN UNIVERSITY**

Nova University, chartered by the state of Florida in 1964, comprises 15 centers, colleges, and schools offering master's, educational specialist, and doctoral degree programs, as well as postgraduate education. The Farquhar Center for Undergraduate Studies offers undergraduate education, and University School, a demonstration school, serves children from early childhood through high school. The university also offers nondegree continuing education and certificate programs.

In 1994, Nova University merged with Southeast University of the Health Sciences to become Nova Southeastern University. The institution gained programs in the health professions (osteopathic medicine, optometry, pharmacy, and allied health) as a result of this union.

From its beginning, the university has distinguished itself by its innovative outlook; its unique programs, which provide both traditional and nontraditional choices in education; and its multidisciplinary research aimed at solving problems of immediate concern to mankind.

The main campus of Nova Southeastern University is located on a 232-acre site west of Fort Lauderdale, Florida, at 3301 College Avenue in the town of Davie.

**BOARD OF TRUSTEES**

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*Vice President for Institutional Advancement*

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Health Professions Division*

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*Acting Associate Vice President for  
Information Technologies*

**DONALD E. RIGGS, ED.D.**

*Vice President for Information Sciences  
and University Librarian*

**JOHN J. SANTULLI, M.B.A.**

*Associate Vice President for Facilities Management*

**JEFFREY SCHNEIDER, C.P.A., M.B.A.**

*Vice President for Finance*

**MORTON TERRY, D.O.**

*Chancellor, Health Professions Division*

## NSU DEGREE OFFERINGS

### Doctoral and Professional Degrees

Doctor of Audiology (Au.D.)

Doctor of Business Administration (D.B.A.) in:

Accounting

Finance

Health Services Administration

Human Resource Management

Information Technology Management

International Management

Management

Marketing

Doctor of Dental Medicine (D.M.D.)

Doctor of Education (Ed.D.) in:

Adult Education

Child and Youth Studies

Computing and Information Technology

Computing Technology in Education

Educational Leadership

Health Care Education

Higher Education

Instructional Technology and Distance Education

Vocational, Technical, Occupational Education

Doctor of International Business

Administration (D.I.B.A.)

Doctor of Law (J.D.)

Doctor of Occupational Therapy (Dr.O.T.)

Doctor of Optometry (O.D.)

Doctor of Osteopathic Medicine (D.O.)

Doctor of Pharmacy (Pharm.D.)

Doctor of Philosophy (Ph.D.) in:

Clinical Psychology

Computer Information Systems

Computer Science

Computing Technology in Education

Dispute Resolution

Family Therapy

Information Science

Information Systems

Oceanography

Doctor of Science in Physical Therapy (D.Sc.P.T.)

Doctor of Psychology (Psy.D.) in:

Clinical Psychology

Doctor of Public Administration (D.P.A.)

Doctor of Speech-Language Pathology (SLP.D.)

### Specialist Degrees

Educational Specialist (Ed.S.) in:

Education

**Master's Degrees**

Master of Accounting (M.Acc.)

Master of Biomedical Sciences (M.B.S.)

Master of Business Administration (M.B.A.) in:

Accounting

Entrepreneurship

Finance

Health Services Administration

Human Resource Management

International Business

Management Information Systems

Marketing

Medical Management

Public Administration

Sports Management

Master of International Business Administration  
(M.I.B.A.)

Master of Medical Science

Master of Occupational Therapy (M.O.T.)

Master of Physical Therapy (M.P.T.)

Master of Public Administration (M.P.A.)

Master of Public Health (M.P.H.)

Master of Science (M.S./M.Sc.) in:

Child and Youth Care Administration

Coastal Zone Management

Computer Information Systems

Computer Science

Computing Technology in Education

Dispute Resolution

Early Childhood Education Administration

Education

Applied Gerontology and Administration

Family Support Studies

Family Therapy

Health Services Administration

Human Resource Management

Instructional Technology and Distance Education

Management Information Systems

Marine Biology

Marine Environmental Sciences

Medical Education

Mental Health Counseling

School Guidance and Counseling

Speech-Language Pathology

**Bachelor's Degrees**

Bachelor of Arts (B.A.) in:

Humanities

Bachelor of Science (B.S.) in:

Accounting

Administrative Studies

Applied Professional Studies

Business Administration

Computer Information Systems

Computer Science

Early Childhood Education

Elementary Education

Environmental Science/Studies

Exceptional Education

General Studies

Hospitality Management

Legal Assistant Studies

Legal Studies

Life Science (premedical)

Middle School Science Education

Ocean Studies

Physician Assistant

Professional Management

Psychology

Science and the Business Environment

Science and the Law

Secondary Education

Sports and Wellness Studies

**Joint Degrees**

Law/Business Administration (J.D./M.B.A.)

Law/Dispute Resolution (J.D./M.S.)

Law/Mental Health Counseling (J.D./M.S.)

Law/Urban and Regional Planning (J.D./M.U.R.P.)

## PROVISIONS

The provisions set forth in this document are not to be regarded as an irrevocable contract between the student and Nova Southeastern University. Regulations and requirements, including tuition and fees, are necessarily subject to change without notice at any time at the discretion of the administration. The university further reserves the right to require a student to withdraw at any time, as well as the right to impose probation on any student whose conduct is unsatisfactory. Any admission on the basis of false statements or documents is void upon discovery of the fraud, and the student is not entitled to any credit for work that he or she may have done at the university. Upon dismissal or suspension from the university for cause, there will be no refund of tuition and fees. The balance due Nova Southeastern University will be considered receivable and will be collected.

A transcript of a student's academic record cannot be released until all of his or her accounts, academic and nonacademic, are paid.

Any Nova Southeastern University student has the right to inspect and review his or her educational record. The policy of the university is not to disclose personally identifiable information contained in a student's educational record without prior written consent from the student, except: to university officials, to officials of another school in which the student seeks enrollment, to authorized representatives of federal or state agencies, to accrediting organizations, to parents of dependent students, under judicial order, to parties in a health or safety emergency, or when verifying graduation with a particular degree.

A student has the right to petition Nova Southeastern University to amend or correct any part of his or her educational record that he or she believes to be inaccurate, misleading, or in violation of the privacy or other rights of students. If the university decides it will not amend or correct a student's record, the student has a right to a hearing to present evidence that the record is inaccurate, misleading, or in violation of the privacy or other rights of students.

If these rights are violated, a student may file a complaint with the Department of Education. A student may obtain a copy of the Educational Privacy Act policy by requesting it in writing from the Office of the University Registrar, Nova Southeastern University, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796. A schedule of fees and a listing of the types and locations of educational records are contained in this policy.

Nova Southeastern University does not discriminate on the basis of disability, sex, race, religion, or national or ethnic origin in admission, access, or employment for any of its programs and activities. The university registrar and director of human resources have been designated as student and employee coordinators, respectively, to ensure compliance with the provisions of the applicable laws and regulations relative to nondiscrimination.

The school is authorized under federal law to enroll nonimmigrant alien students.

Nova Southeastern University programs are approved for the training of veterans and other eligible persons by the Bureau of State Approval for Veterans' Training, Florida Department of Veterans' Affairs. Eligible veterans and veterans' dependents should contact the Office of the University Registrar, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796, telephone (954) 262-7241 or toll free 800-541-6682, ext. 7241.

## NSU POLICIES GOVERNING STUDENT RELATIONS

### General

Nova Southeastern University has established specific policies, procedures, and guidelines defining its relationship with its students. The term "student" as used in this catalog defines the student, or parents of the student if the student qualifies as a dependent under the provisions of the Internal Revenue Code.

### Institutional and Academic Information

Nova Southeastern University and its composite academic units periodically publish bulletins or catalogs describing the university and its academic programs. These bulletins are available to enrolled and prospective students through the various admissions offices associated with the academic units or from the Office of the University Registrar. Each academic unit, group of units, and/or the Office of the University Registrar maintain at least one full-time employee to assist all students in obtaining information.

### Financial Aid

Nova Southeastern University's Office of Student Financial Aid staff administers comprehensive federal, state, institutional, and private financial aid programs. The purpose of these programs is to provide monetary assistance to students who can benefit from further education but who cannot do so without such assistance. Students interested in receiving a financial aid packet should contact the Office of Student Financial Aid at (954) 262-3380 or 800-522-3243.

### When to Apply for Financial Aid

It is recommended that students apply for financial aid well in advance of the date the funds will be needed because normal application processing takes six to eight weeks and sometimes as many as 12 weeks. It is extremely important that students complete all forms correctly and respond promptly to all inquiries in order to prevent delays in processing. Awards are made only for the academic year. Applications are generally available each January for the following academic year. There is a priority deadline of April 1, 1998, for the 1998-1999 academic year. Applications received after that date will be considered on a funds-available basis only. Students requesting financial aid for the summer term must complete a separate summer aid application that is generally available after January. The last day to apply for any financial aid for 1998-1999 is June 30, 1999.

To improve telephone service to financial aid applicants, NSU's Office of Student Financial Aid has a telephone voice response system. The Automated Telephone Counseling (ATC) System

helps students access information regarding financial aid applications. General financial aid information may be obtained, packets may be requested, or application status can be checked (including loan disbursement information) simply by entering the student's Social Security number and four-digit PIN. The ATC is available 24 hours a day, 7 days a week, and file information is updated daily. The ATC may be accessed locally at (954) 262-3380 or toll free at 800-522-3243.

### **General Eligibility Requirements**

In order to participate in the financial aid program, students generally must:

1. be U.S. citizens, permanent residents, or in the United States for other than a temporary purpose, and be able to provide proof of such
2. be accepted for enrollment in an eligible degree-seeking program at Nova Southeastern University
3. be making satisfactory progress in their courses of study
4. not be in default of, or owe, a refund for any financial aid received previously
5. sign a Statement of Educational Certification;
6. be registered with Selective Service if required to do so by federal law

### **International Students**

International students who intend to reside in the United States and who are required to obtain an I-20 visa must be full-time, degree-seeking students and must attend the main campus in Fort Lauderdale, Florida. For further information, contact the International Student Adviser, Nova Southeastern University, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796, telephone: (954) 262-7240 or toll free 800-541-6682, ext. 7240.

### **Veterans' Benefits**

Nova Southeastern University programs are approved for the training of veterans and other eligible persons by the Bureau of State Approval for Veterans' Training, Florida Department of Veterans' Affairs. Eligible veterans and veterans' dependents should contact the Office of the University Registrar, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796, telephone: (954) 262-7241 or toll free 800-541-6682, ext. 7241.

### **Notice of Nondiscrimination**

Nova Southeastern University admits students of any race, color, sex, age, nondisqualifying disability, religion or creed, or national or ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school, and does not discriminate in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.

The Office of the University Registrar is designated as the policy coordinator to ensure compliance with all federal, state, and local laws and regulations relative to nondiscrimination.

### **Grievances**

When questions about procedures, decisions, or judgments occur,

counseling is available for discussion and resolution of differences. Students may also have recourse to more formal avenues of appeal and redress. Grievance procedures are explained in the program's student handbook.

### **Student Publications**

Nova Southeastern University, as publisher, bears the legal responsibility for the content of student publications. In the delegation of editorial responsibility to students, the university provides sufficient editorial freedom for the student publications to maintain their integrity of purpose as vehicles of free inquiry and free expression in the Nova Southeastern University academic community.

The delegated editorial freedom of student editors and managers is subject to corollary responsibilities to be governed by the canons of responsible journalism, such as the avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harassment and innuendo.

As safeguards for the delegated editorial freedom of student publications, the following provisions are made:

1. The student press shall be free of censorship and advance approval of copy, and its editors and managers shall be free to develop their own editorial policies and news coverage.
2. Editors and managers of student publications shall be protected from arbitrary suspension and removal because of student, faculty, administrative, or public disapproval of editorial policy or content. Only for proper and stated causes shall editors and managers be subject to removal, and then by orderly and prescribed procedures.
3. All university-published and financed student publications shall explicitly state on the editorial page that the opinions therein expressed are not necessarily those of Nova Southeastern University or of the student body.

### **Student Participation in University Governance**

In furtherance of its commitment to teaching and learning, Nova Southeastern University encourages student participation in institutional decision making.

Within each center, elected student government bodies provide vehicles for student expression of views and opinions on issues of institutional policy. Officers of the student government are members of the President's Student Advisory Committee, which meets monthly with the president and appropriate senior administrative staff to discuss university matters of general interest to the student body.

Additionally, students are regularly appointed to committees, task forces, and ad hoc groups dealing with issues of concern to students, including appointment to each self-study subcommittee.

## **CODE OF STUDENT CONDUCT AND ACADEMIC RESPONSIBILITY**

**Purpose:** This code seeks to promote high standards of 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.

## NSU Statement of Academic 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 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 and the state of Florida. All members of the community should inform the appropriate official of any violation of conduct regulations.

### A. Academic Standards

The university expects its students to manifest a commitment to academic integrity through rigid observance of standards for academic honesty. The academic honesty standards include:

**1. Original Work.** Assignments such as course preparations, exams, texts, projects, term papers, practicums, etc., must be the original work of the student. Original work may include the thoughts and words of another author but, if that is the case, those ideas or words must be indicated in a manner consistent with a university-recognized form and style manual.

Work is not original that has been submitted previously by the author or by anyone else for academic credit. Work is not original that 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 prior to or during the course of the examination.

**2. Referencing the Works of Another Author.** All academic work submitted for credit or as partial fulfillment of course requirements must adhere to each center's specific accepted reference manuals and rules of documentation. Standards of scholarship require that proper acknowledgment be given by the writer 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 (A) (1) or (A) (2) is considered plagiarism at Nova Southeastern University.

**3. Tendering of Information.** All academic work must be the original work of the student. 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:

- a. plagiarism
- b. any form of cheating
- c. conspiracy to commit academic dishonesty
- d. misrepresentation
- e. bribery in an attempt to gain an academic advantage
- f. forging or altering documents or credentials
- g. knowingly furnishing false information to the institution

**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 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
- b. vandalism
- c. disruptive behavior
- d. possession or use of firearms, fireworks, explosives, or other dangerous substances or items
- e. possession, transfer, sale, or use of illicit drugs
- f. appearance in class or on campus under the apparent influence of alcohol or illicit drugs or chemicals
- g. violations of housing regulations
- h. any act or conspiracy to commit an act which is harassing or abusive or which invades an individual's right to privacy, including, but not limited to, sexual harassment and abuse against members of a particular racial, ethnic, religious, or cultural group
  - i. threats of or actual damage to property or physical harm to others
  - j. failure to pay tuition and fees in a timely manner

Furthermore, Nova Southeastern University prohibits any activity that may be construed as hazing. (“Hazing” is defined as: any action or situation which recklessly or intentionally endangers the mental or physical health or safety of a student for the purpose of initiation or admission into or affiliation with any organization operating under the sanction of a university).

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 as would comport with the letter and spirit of this code.

### **D. Violations**

Any violation(s) of any of the academic standards, conduct standards, or supplementary standards may result in a complaint being filed against a student to enforce the Code of Student Conduct and Academic Responsibility. Deans or directors may, in their discretion, immediately suspend students pending a hearing on charges of academic conduct or supplementary standard violations. Any student found guilty of a violation of the academic, conduct, or supplementary standards will be subject to disciplinary action, including expulsion from the university.

### **Student Code of Computer Ethics**

Student users of Nova Southeastern University’s computer systems are subject to all applicable federal, state, and international computer laws. A copy of the Florida Computer Crimes Act and referenced Florida State Statutes may be examined online or in a student’s academic program office.

Nova Southeastern University provides computer systems with access to hardware, software, and networks to enhance academic experience. Ethical conduct by students in the use of this technology is the same as in all other areas of university life, and it is of equal importance. All students are expected to abide by the Nova Southeastern University Code of Student Conduct and Academic Responsibility.

For more detailed information on Nova Southeastern University’s Student Code of Computer Ethics, please consult the program’s *Student Handbook*.

### **Privacy of Records**

Nova Southeastern University maintains a system of records that includes application forms, admission test scores, and transcripts of students’ previous academic records and performance while in residence. These records are available for review by current and former students upon written request to the Office of the University Registrar. However, the registrar will not release transcripts of students’ academic records until all accounts, both academic and nonacademic, have been paid.

The law limits access by, and disclosure to, a third party. Such access is given only upon consent of the student or if required by law, except for the following information, which may be released as directory information: (a) student’s name, (b) address, (c) dates of attendance, (d) degree and awards received. Requests for such information must be submitted in writing to the university. The university reserves the right to refuse the above information if the reason for the request is not considered to be a sufficient need to know.

Any student or parent not wishing to have this information disclosed should notify the Office of the University Registrar in writing prior to September 1 of the relevant school year.

A person does not have the right of access to educational records until he or she has been admitted to and has actually begun attending Nova Southeastern University. There is no prohibition from disclosing such information to the parents of students who are listed on their parents’ federal income tax forms.

Parents or eligible students will be provided a hearing by the university if they wish to challenge the content of the record. If they are still not satisfied, the parents or eligible students may add explanatory or rebuttal matter to the record.

If the students or parents are denied access to a hearing or if the records are alleged to have been illegally disclosed to a third party, the students or parents may file a complaint with the U.S. Department of Education.

### **Reservation of Power**

Nova Southeastern University reserves the right to amend, modify, add to, or delete its rules, policies, and procedures affecting its institutional relationship with students as deemed necessary by the administration. Any such amendment, modification, addition, or deletion shall not be considered a violation of the relationship between the university and the student. Such right includes modification to academic requirements, curriculum, tuition, and/or fees when in the judgment of the administration such changes are required in the exercise of its educational responsibility.

## **COMMUNICABLE DISEASES POLICY**

It is the intent of the university to protect students and employees from exposure to communicable diseases that pose reasonable risk of harm to members of the university community. It is also the intent of the university to protect the rights of those infected with a communicable disease pursuant to the Sick Leave Policy of the university. Employees and students of the university who do become infected with a communicable disease are subject to the guidelines listed below.

All employees diagnosed with any communicable disease will receive the same benefits and privileges extended to any employee under the Sick Leave Policy and shall be afforded confidentiality for all related issues.

The university will be flexible in its response to incidents of communicable disease, evaluating each occurrence in light of this policy and current available medical information.

#### **Policy Guidelines**

1. For the purpose of this policy, the term “employee” shall include all persons employed by the university, either full time or part time, including adjuncts and off-site coordinators, but shall not include the following persons:

- a. members of the board of trustees
- b. guest lecturers
- c. vendors

The term “student” shall include all persons enrolled at the university, either part time or full time, from preschool through graduate studies.

The term “infected person” shall include students and employees who have been medically diagnosed as infected with a communicable disease.

In the event that any employee, administrator, or student has a concern about the potential for the spread of a communicable disease within the university community, those concerns should be brought to the assistant director of human resources for review consistent with the current available information on the spread of the particular communicable disease. After review and evaluation of the concerns, if there appears to be a reasonable likelihood of the spread of the disease within the university community by an infected person, the assistant director of human resources will, after notification of the issues presented to the university president, contact the Broward County Health Department for recommendations of appropriate action consistent with state law.

The university will make available to its employees and students information about the transmissibility of communicable diseases and precautions that can be taken to prevent the spread of various communicable diseases.

2. An infected person can continue to work and study as long as he or she is able to continue to perform regular responsibilities satisfactorily, and as long as the best available medical evidence indicates that his or her continued status does not present a health or safety threat to self or others. Infected employees with diseases that threaten the safety of others are eligible for the same leave of absence provisions of current university policy for sick or annual leave as other employees.

3. An infected person returning to work or school after a leave of absence for reasons related to a communicable disease must provide a statement from his or her treating physician indicating current medical status. An employee shall submit the physician’s statement to the director of human resources or a delegated representative. Students shall submit their statement to their program dean.

4. Within reason, the university shall make accommodations for the infected persons, whenever possible, to ensure continuity in employment or in the classroom. Such measures may include, subject to administrative limitations, job reassignment or class

reassignment to place the infected person in a less demanding position.

5. No infected person (employee or student) may be dismissed from the university solely on the basis of a diagnosis of an infection of a contagious disease. A decision to dismiss or discharge will only be made after reasonable accommodation has been attempted and an examination of facts demonstrate that the infected person can no longer perform as required or poses a reasonable threat to the health and safety of those around him or her.

6. Disciplinary measures are available to the university when any employee fails or refuses to work at his or her assigned job with an infected person who has not been deemed to pose a present health or safety threat to self or others. Student disciplinary measures shall range from counseling to expulsion.

7. As with any medical condition, employees must not disclose information regarding another employee or student to anyone except those employees with a medical or administrative need to know. The university shall take every precaution to ensure that confidentiality is maintained. Breach of such confidentiality by any employee shall result in disciplinary action.

### **POLICY ON SEXUAL HARASSMENT**

It is the intent of Nova Southeastern University to protect all employees and students from sexual harassment. Sexual harassment is a violation of Title VII. Sexual harassment undermines the integrity of the employment and academic environment, debilitates morale, and interferes with the effectiveness of employees and students. In accordance with Equal Employment Opportunity Commission-promulgated guidelines, unwelcome sexual advances, unwanted requests for favors of a sexual nature, and any other verbal or physical conduct of a sexual nature are considered sexual harassment if:

- (a) explicit or implicit submission to sexual overtures is made a term or condition of employment
- (b) employment decisions are made on the basis of whether submission to or rejection of sexual overtones occurred
- (c) an individual’s work performance is unreasonably interfered with by a sexually intimidating, hostile, or offensive atmosphere

#### **A. At Nova Southeastern University, sexual harassment of or by employees includes:**

1. Unwelcome or unwanted sexual advances. This includes unwelcome physical contact or sexual advances considered unacceptable by another individual.

2. Requests or demands for sexual favors. This includes subtle or blatant pressures or requests for any type of sexual favor accompanied by an implied or stated promise of preferential treatment or negative consequence concerning one’s employment status.

3. Verbal abuse that is sex-oriented or considered unacceptable by another individual, as well as sexually derogatory comments. This includes commenting about an individual’s body or appearance when such comments go beyond mere courtesy; telling jokes that are clearly unwanted and considered offensive by others; or other tasteless, sexually oriented comments or innuendoes or actions that offend others.



4. Engaging in any type of sexually oriented conduct that would unreasonably interfere with another's work performance. This includes extending unwanted sexual attention to someone that reduces personal productivity or time available to work at assigned tasks.

5. Creating a work environment that is intimidating, hostile, or offensive because of unwelcome or unwanted sexually oriented conversations, suggestions, requests, demands, physical contacts, or attentions.

Nova Southeastern University will not tolerate sexual harassment. Sexual harassment is an insidious practice. It demeans individuals being treated in such a manner and creates unacceptable stress for the entire organization. Persons harassing others will be dealt with swiftly and vigorously.

Normal, noncoercive interaction that is acceptable to both parties is not considered to be sexual harassment.

All allegations of sexual harassment of or by an employee, client, or vendor will be promptly and thoroughly investigated by the Human Resources Department and should be reported promptly to the director of human resources.

**B. At Nova Southeastern University, sexual harassment of students by employees is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when:**

1. submission to such conduct is made to appear to be a term or condition of enrollment, attendance, or participation in a class

2. submission to or rejection of such conduct affects academic decisions

3. such conduct has the purpose or effect of unreasonably interfering with a student's academic performance or creating an intimidating, hostile, or offensive academic environment and can include

4. unwelcome patting, pinching, or touching

5. offensive or demeaning sexual remarks, jokes, or gestures

Students aggrieved by a violation of this policy may file a grievance under their center's grievance procedure.

Any employee who violates any portion of this policy shall be subject to disciplinary action.

At Nova Southeastern University, romantic and sexual relationships between a faculty member and a student are subject to the prohibition against sexual harassment.

Romantic or sexual relationships between a faculty member and a student then enrolled in the faculty member's class (including supervised student activities for which academic credit is given) may appear to be coercive and are discouraged. Even when no coercion is present, such relationships create an appearance of impropriety and favoritism that can impair the academic experience of all students in that class. It is, therefore, improper conduct for a faculty member to engage in a romantic or sexual relationship with a student then enrolled in the faculty member's class.