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# 1998-1999 Nova Southeastern University Center for Undergraduate Studies Catalog

Nova Southeastern University

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**Center for  
Undergraduate  
Studies**



**Catalog 1998-1999**



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**The James Farquhar Center for Undergraduate Studies**

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

**1998-99 Catalog  
Published July 1998**

Policies and programs in this catalog are effective through June 1999. 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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**ACADEMIC  
 CALENDAR  
 FALL 1998**  
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	<b>Professional and Liberal Studies</b>	<b>Career Development Studies</b>	<b>Computer and Information Sciences</b>
<b>FALL 1998</b>			
Registration	July 27-Aug. 15	July 27-Aug. 15	July 27-Aug. 15
Late Registration	After Aug. 15	After Aug. 15	After Aug. 15
<b>Classes begin</b>	<b>Aug. 24</b>	<b>Aug. 24</b>	<b>Aug. 24</b>
Change of Registration (prior to 2nd week)	Aug. 24-29	Aug. 24-29	Aug. 24-29
<b>LABOR DAY</b>			
University closed	Sept. 7	Sept. 7	Sept. 7
No day classes	Sept. 8		
<b>ROSH HASHANAH</b>			
University closed	Sept. 21		
No classes			
Night classes will meet		Sept. 21	Sept. 21
<b>YOM KIPPUR</b>			
No evening class		Sept. 29	Sept. 29
University closed Sept. 30			
Night classes will meet		Sept. 30	Sept. 30
End of Withdrawal (prior to 7th week)	Oct. 5	Oct. 6	Oct. 6
<b>Classes end</b>	<b>Oct. 19</b>	<b>Oct. 20</b>	<b>Oct. 20</b>
Registration		Sept. 21-Oct. 9	Sept. 21-Oct. 9
Late Registration		After Oct. 9	After Oct. 9
<b>Classes begin</b>	<b>Oct. 20</b>	<b>Oct. 21</b>	<b>Oct. 21</b>
Change of Registration (prior to 2nd week)	Oct. 20-26	Oct. 21-27	Oct. 21-27
Winter Registration		Nov. 30-Dec. 18	Nov. 30-Dec. 18
Continuing students			
Athletes	Oct. 12-16		
Seniors/Juniors	Oct. 19-23		
Sophomores	Oct. 26-Oct. 30		
Freshmen	Nov. 2-20		
Late Winter Registration	After Nov. 22		
Continuing PALS students			
<b>THANKSGIVING VACATION</b>			
No classes	Nov. 26-27	Nov. 25-28	Nov. 25-28
End of Withdrawal (prior to 7th or 15th week)	Nov. 25	Dec. 5	Dec. 5
Last day for application for admission for Winter		Dec. 22	Dec. 22
<b>Classes end</b>	<b>Dec. 11</b>	<b>Dec. 19</b>	<b>Dec. 19</b>

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**ACADEMIC  
 CALENDAR  
 WINTER 1999**  
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	<b>Professional and Liberal Studies</b>	<b>Career Development Studies</b>	<b>Computer and Information Sciences</b>
<b>WINTER 1999</b>			
Registration	Nov. 30-Dec. 18	Nov. 30-Dec. 18	Nov. 30-Dec. 18
Late Registration	After Dec. 18	After Dec. 18	After Dec. 18
<b>NEW YEAR'S DAY</b>			
<b>University closed</b>	<b>Jan. 1</b>	<b>Jan. 1</b>	<b>Jan. 1</b>
<b>Classes begin</b>	<b>Jan. 6</b>	<b>Jan. 4</b>	<b>Jan. 4</b>
Change of Registration (prior to 2nd week)	Jan. 6-12	Jan. 4-9	Jan. 4-9
<b>MARTIN LUTHER KING DAY</b>			
<b>University closed</b>	<b>Jan. 18</b>	<b>Jan. 18</b>	<b>Jan. 18</b>
End of Withdrawal (prior to 7th week)	Feb. 13	Feb. 15	Feb. 15
<b>Classes end</b>	<b>Feb. 26</b>	<b>March 1</b>	<b>March 1</b>
<b>SPRING BREAK</b>	<b>Feb. 27-March 7</b>	<b>March 2-4</b>	<b>March 2-4</b>
Registration		Feb. 8-27	Feb. 8-27
Late Registration		After Feb. 27	After Feb. 27
<b>Classes begin</b>	<b>March 8</b>	<b>March 5</b>	<b>March 5</b>
Change of Registration (prior to 2nd week)	March 8-13	March 5-11	March 5-11
<b>GOOD FRIDAY</b>			
<b>University closed</b>	<b>April 2</b>	<b>April 2</b>	<b>April 2</b>
<b>No classes</b>		<b>April 3</b>	<b>April 3</b>
Fall Registration	April 12-16		
Continuing Students			
Athletes	March 8-12		
Seniors/Juniors	March 15-19		
Sophomores	March 22-26		
Freshmen	March 29-April 16		
Late Registration	After April 17		
Continuing Students			
End of Withdrawal (prior to 7th or 15th week)	April 14	April 17	April 17
Last day for application for admission for Spring		April 23	April 23
<b>Classes end</b>	<b>April 28</b>	<b>May 1</b>	<b>May 1</b>

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**ACADEMIC  
 CALENDAR  
 SPRING 1999**  
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	<b>Professional and Liberal Studies</b>	<b>Career Development Studies</b>	<b>Computer and Information Sciences</b>
<b>SPRING/SUMMER 1999</b>			
Registration	April 5-24	April 5-24	April 5-24
Late Registration	After April 24	April 24	April 24
<b>Classes begin</b>	<b>May 3</b>	<b>May 3</b>	<b>May 3</b>
Change of Registration (prior to 2nd week)	May 3-8	May 3-8	May 3-8
<b>MEMORIAL DAY</b>			
<b>University closed</b>	May 31	May 31	May 31
End of Withdrawal (prior to 7th week)	June 9	June 14	June 14
<b>Classes end</b>	<b>June 23</b>	<b>June 23</b>	<b>June 23</b>
Registration		June 1-19	June 1-19
Late Registration		After June 19	After June 19
<b>Classes begin</b>		<b>June 29</b>	<b>June 29</b>
Change of Registration (prior to 2nd week)		June 29-July 3	June 29-July 3
<b>INDEPENDENCE DAY</b>			
<b>University closed</b>	<b>July 4</b>	<b>July 4</b>	<b>July 4</b>
End of Withdrawal (prior to 7th)	<b>July 5</b>	July 5	July 5
Last day for application for admission for Fall		August 7	August 7
<b>Classes end</b>		August 12	August 21
		<b>August 21</b>	<b>August 21</b>

# 1998

JANUARY							FEBRUARY							MARCH						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28
25	26	27	28	29	30	31								29	30	31				

APRIL							MAY							JUNE							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
			1	2	3	4						1	2			1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
26	27	28	29	30			24	25	26	27	28	29	30	28	29	30					
							31														

JULY							AUGUST							SEPTEMBER							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
			1	2	3	4							1			1	2	3	4	5	
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
26	27	28	29	30	31		23	24	25	26	27	28	29	27	28	29	30				
							30	31													

OCTOBER							NOVEMBER							DECEMBER							
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				1	2	3	1	2	3	4	5	6	7			1	2	3	4	5	
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	
25	26	27	28	29	30	31	29	30						27	28	29	30	31			

# 1999

JANUARY							FEBRUARY							MARCH								
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa		
					1	2			1	2	3	4	5	6			1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13		
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20		
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27		
24	25	26	27	28	29	30	28							28	29	30	31					
31																						

APRIL							MAY							JUNE							
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4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26	
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30				
							30	31													

JULY							AUGUST							SEPTEMBER							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
				1	2	3	1	2	3	4	5	6	7				1	2	3	4	
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25	
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30			

OCTOBER							NOVEMBER							DECEMBER							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
					1	2			1	2	3	4	5	6			1	2	3	4	
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31		
31																					



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



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**NOVA  
SOUTHEASTERN  
UNIVERSITY**  
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**OVERVIEW**

Nova Southeastern University (NSU) provides 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. Faculty and administration are sensitive and responsive to the needs of the individual. They are available to students throughout the day. Faculty are chosen because of their commitment to teaching and learning. They challenge students to excel in their studies and maintain an 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.

**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 is the largest independent university in Florida.



### **ACCREDITATION**

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.

## **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.

“ 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 quality education leading to either the bachelor of science or the bachelor of arts

## FARQUHAR CENTER FOR UNDERGRADUATE STUDIES

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 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, 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 RETIRED PROFESSIONALS**

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

Modeled after the highly successful IRP at the New School for Social Research in New York City, NSU's Institute offers an opportunity for retired professionals to renew their education. Because of their varied interests and life experiences, IRP members act as teachers and students, thus sharing with and learning from one another. In the IRP, 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 a.m. to 11:30 a.m. and the other from 12:30 p.m. to 2 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 IRP membership; group leaders and discussion leaders are members.

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

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

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

IRP members enjoy travel! Day field trips and weekend and weeklong jaunts 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. IRP members enjoy parties! 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 IRP, 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.



### ROSENTHAL STUDENT CENTER

The Rosenthal Student Center serves as the center of student life on campus. The Student Center houses the Office of Student Life, Restaura Food Service, the Nova Southeastern Undergraduate Student Government Association, and the Flight Deck. The Flight Deck houses a snack bar, a billiards area, and conference and reception rooms.

### 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. A limited number of singles are available on a first-come, first-served basis at additional cost. 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 comprises 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, Dade, and Palm Beach). Verification must be provided.

Apartment-style housing is also available for married students.

## STUDENT LIFE

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 eat there by paying cash for each meal or by purchasing a meal plan. 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. The Jamaican Me Crazy Cafe, adjacent to the Parker Building, serves snacks, beverages, and espresso drinks.

### STUDENT I.D. CARDS

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

### UNIVERSITY PARKING PERMIT

All students who attend NSU must obtain a permit in order to park on campus. The *Parking Program Manual* 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.

## 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 classes 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 academic services to meet the needs of students with disabilities. Students with disability-related educational needs should contact John Chaffin (954-262-8405 or 800-338-4723, Ext. 8405; e-mail: chaffin@nova.edu) as early as possible (at least four weeks) before the beginning of the first semester of enrollment. Written policies and procedures related to the provision of academic adjustments also are available.

## CAMPUS ORGANIZATIONS

NSU students have an excellent opportunity to become involved in extracurricular programs. The Office of Student Life invites all students to become involved in the university community. Involvement is one of the best ways to meet other students, gain leadership skills, and interact with others throughout the university. NSU has more than 27 registered student organizations on

campus, including academic societies, Greek organizations, honor societies, international associations, professional organizations, programming organizations, religious organizations, service clubs, and special-interest groups. Our current clubs and organizations are:

Alpha Chi (national honor society)  
Best Buddies  
Catholic Campus Ministries  
Hillel (Jewish organization)  
Intervarsity Christian Fellowship  
NSU's Adventure Toward Understanding & Researching Earth (NATURE)  
NSU College Student Government  
NSU International Student Association  
The NSU Knight (newspaper)  
NSU Players (theater)  
Pan-African Student Association  
Phi Alpha Delta (legal fraternity)  
Pre-Med Society  
Psychology Club  
Residential Student Association  
South American and Latin Student Association (SALSA)  
WNSU (campus radio station)  
Greek Sororities:  
Delta Phi Epsilon  
Phi Sigma Sigma  
Greek Fraternities:  
Beta Theta Pi  
Sigma Alpha Mu  
Theta Delta Chi  
Alpha Phi Omega (service fraternity)

Each student organization has a faculty or staff member serving as an advisor and supporter.

All students are encouraged to become involved in extracurricular activities, either by becoming active members of the various organizations or by running for office, if applicable.

## CAMPUS SPORTS AND RECREATION

The Campus Sports and Recreation Program at NSU offers students, faculty, and staff members 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 and wants of the NSU community.

Campus Sports and Recreation is divided into the following areas:

Club Sports	Informal Sports
Intramural Sports	Leisure Sports Classes
Special Events	

Intramural sports include:

Basketball	Bowling	Billiards
Coed Softball	Coed Volleyball	Darts
Flag Football	Golf	Racquetball
Softball	Special Events	Swimming
Table Tennis	Tennis	
Ultimate Frisbee	Volleyball	

Basketball courts, sand volleyball pits, and athletics fields are provided for the occasional participant. Additionally, a variety of sports equipment is available in the Recreational Sports Office for checkout and use.

The Rosenthal Student Center also provides indoor-activity equipment: televisions, pool tables, table-tennis tables, and dartboards. A valid student I.D. is necessary to secure all equipment for these activities.

### INTERCOLLEGIATE ATHLETICS

The Athletics Program at NSU consists of (NAIA Division II):

MEN'S	WOMEN'S
Baseball	Cross-Country
Basketball	Soccer
Cross-Country	Softball
Golf	Tennis
Soccer	Volleyball

### COMPUTING AND LABORATORY FACILITIES

Laboratory experience is available in computer science and in the biological, chemical, and physical sciences. Science laboratories are state-of-the-art facilities fully equipped for student use.

An "ethernet" computer network that connects individual computers and terminals to each other and to the university computing system has been established on campus, allowing the development of a local area network for electronic interaction among students, faculty, and administration. Computing resources

include several DEC VAX servers and SUN servers and workstations. Laboratories contain personal computers and Macintosh systems for student use. The UNIX operating system serves as the host for numerous computing and communication activities

Students must be aware of the legal and moral responsibility for ethical conduct in the use of technology. Please refer to the *NSU Student Handbook* for a detailed explanation.

### 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, business, and sciences. More than 35 specialized indices 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 FILL, 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/einstein>.

Distance education students have access to books, journal articles, microfiche, dissertations, index searches, catalog searches, 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 card and computerized catalogs of holdings, more than 17,000 books, 1,200 active journals, and more than 1,200 audio-

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 261,000 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; and in Jacksonville: (904) 443-2885.

### **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 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 e-mail. The course number and site location must be indicated when books are ordered or requested. Books are shipped via UPS, usually within 24 hours. Textbook titles are posted on

the Student Services Bulletin Board on the third floor of the Parker Building.

Contact Nova Books by any of the means below:  
Phone: (954) 262-4750 or 800-509-BOOK  
Fax: (954) 262-4759  
E-mail: novabook@nsu.acast.nova.edu

Correspondence: Nova Books, P.O. Box 290670, Fort Lauderdale, Florida 33314-7796

### **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 Center books) are returnable during the first week of class *only*. Books purchased more than two weeks before classes start are not returnable.
3. Books purchased after the return deadline for each program are not returnable.
4. Only required textbooks are returnable. Optional or supplementary materials, trade reference books, supplies, and other nonbook items are not returnable.
5. All items must be returned in original condition.
6. All returns must be accompanied by a cash register receipt.

### **CAREER RESOURCE CENTER**

The Career Resource Center (CRC) provides career counseling and job-search assistance to NSU students and alumni. After the CRC has helped undergraduate students, graduate students, and alumni to identify their own unique abilities, interests, and skills, the organization guides them in creatively combining these attributes into a desired career.

Through counseling and career-related resources, the CRC strives to help individuals:

- 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 CRC encourages students and alumni to take personal responsibility not only for planning a career, but also for exploring educational and personal development opportunities throughout the college years and beyond.



See the NSU *Student Handbook* for more information on the CRC.

### **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 a.m.–5 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).

### **STUDENT CONDUCT AND ACADEMIC RESPONSIBILITY**

All students should review and become familiar with the Code of Student Conduct and Academic Responsibility outlined elsewhere in 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 NSU *Student Handbook*.

### **HONOR COURT**

The Honor Court is a body of faculty, 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. Students should review the “Honor Court Procedures” in the NSU *Student Handbook*.

Nova Southeastern University  
offers an affordable private  
university tuition.



• • • • •  
**TUITION, FEES,  
AND REGISTRATION**  
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**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 p.m.; Friday, 8:30 a.m.-6 p.m.; and Saturday, 9 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 p.m.; Friday, 8:30 a.m.-6 p.m.; and Saturday, 9 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.

**TUITION AND FEE SCHEDULE FOR 1998-99**

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. & Lib. Studies tuition/semester (12-18 cr.)	\$5,475
Prof. & Lib. Studies tuition/credit (under 12 cr.)	\$365
Career Dev. tuition (per credit hour) on campus	\$345
Career Dev. tuition (per credit hour) off campus	
Contact program office	
Application for degree-processing fee	\$65
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)	\$1,686
Meal plans (per semester)	\$935-1,310

**CHANGE OF REGISTRATION**

The change of registration 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 program advisor.

### **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.

Students eligible for employee-sponsored tuition reimbursement benefits may defer tuition payment until five weeks after the end of each course; however, at the time of registration, the student must submit postdated checks or future 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.

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

### **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 Monthly 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**

#### **Withdrawal Period with a Refund**

Students who wish to receive a refund of tuition upon withdrawal from Nova Southeastern University must complete a Student Transaction Form, available in the Office of the University Registrar. The following schedule will apply:

#### **Professional and Liberal Studies Students:**

*Complete withdrawal from Nova Southeastern University:*

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

No refund will be made after the end of the second week. The \$200 deposit paid to the College of Professional and Liberal Studies is not refundable. Fees other than tuition are not refundable. Students enrolled part time will be issued refunds per course, using the guidelines stated above.

#### **Career Development Students:**

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

Refunds will be based on the postmark date or the registrar's stamped date of written notification, not the last date of attendance. Fees other than tuition are not refundable.

### **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 an official 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 of 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 the student to fill out a Student Action Form and to provide his or her academic advisor 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 elsewhere 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. ”



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## 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:

1. 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.
2. be enrolled or accepted for enrollment at NSU.
3. be enrolled in at least three credit hours each semester. (Many financial aid programs require half-time or full-time enrollment each semester.)
4. be making satisfactory progress in the course of study.

5. not be in default of, or owe a refund for, any aid received previously.
6. sign a Statement of Educational Purpose.
7. 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, 1998
FAFSA Processing Deadline (for FSAG)	May 15, 1998
FRAG (fall semester) Deadline	September 1, 1998
FRAG (winter semester) Deadline	January 4, 1999

Applications for aid received by the Office of Student Financial Aid by April 1, 1998, 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 processed by Federal Student Aid Programs' deadline of May 15, 1998. Processing for the FAFSA may take as long as three to four weeks from the time of receipt by Federal Student Aid Programs. Students who apply by electronic means may achieve a faster turnaround.

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, 1998. For students who will start the academic year during the winter semester, applications for FRAG must be received by January 4, 1999.

#### **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. Students who apply for a Florida Student Assistance Grant will be notified by the Florida Department of Education.

The application process normally takes 6 to 8 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 1999.

#### **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 \$3,000 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 upon 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 full-time 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 the student is no longer enrolled at least half time, if he or she 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 9 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 (formerly the State Tuition Voucher) full-time students may receive up to \$1,400 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 processing 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:

1. an academic transcript from the registrar;
2. a letter written by the student, describing mitigating circumstances;
3. a physician's note and/or records if the appeal is based on a medical circumstance; and/or
4. 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.

### **FOR MORE INFORMATION**

Contact the Office of Student Financial Aid, 3301 College Avenue, Fort Lauderdale, Florida 33314-7796 (Horvitz Administration Building); telephone (954) 262-3380 or 800-522-3243. Office hours are 8:30 a.m.- 7 p.m. Monday-Thursday; 8:30 a.m.- 6 p.m. Friday; and 9 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.

### **GRADE/PROGRESS REPORTS 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.



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



## UNDERGRADUATE SCHOLARSHIPS AND GRANTS

hours earned from a regionally accredited institution; (2) a minimum cumulative college GPA of 3.0; (3) counselor/faculty recommendation; (4) renewable with a 3.0 NSU GPA.

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

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

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.

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

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

I. NSU Freshman Honor Award—Freshman qualifications (\$1,000-\$8,000): (1) cumulative high school grade point average (GPA) of 3.0 or above; (2) counselor/faculty recommendation; (3) SAT or ACT scores; (4) renewable with a 3.0 NSU GPA.

II. NSU Transfer Honor Award—Transfer qualifications (\$1,000-\$7,000): (1) 24 or more semester

#### **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 Dr. Gustav Wassermann, one scholar 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.

### **ICUF Scholarships**

Each year, the Independent Colleges and Universities of Florida provide students the opportunity to compete for certain corporate scholarship awards. The director of student support in the Office of the Dean will disseminate this information as it is available.

### **IRP Endowed Scholarship Fund**

This fund, established by the Institute for Retired Professionals, 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.

## **COLLEGE OF CAREER DEVELOPMENT STUDENTS**

### **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.

### **ICUF Scholarships**

Each year, the Independent Colleges and Universities of Florida provide students with the opportunity to compete for certain corporate scholarship awards. The director of student support in the Office of the Dean will disseminate this information as it is available.

### **IRP Endowed Scholarship Fund**

This fund, established by the Institute for Retired Professionals, 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 30 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>.

### **Book Award**

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.

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

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



• • • • •  
**THE COLLEGE OF  
PROFESSIONAL AND  
LIBERAL STUDIES**  
• • • • •

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 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 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) 262-8001 (in Broward County) for an application or an appointment. Students from other locations should contact 800-338-4723, Ext. 8001.

**HEALTH PROFESSIONS DIVISION**

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.

**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 Admissions Department of NSU's Farquhar Center for Undergraduate Studies evaluates all applications for admission into the College of Professional and Liberal Studies. An admissions committee made up of faculty, student affairs, 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.

Students admitted into the College of Professional and Liberal studies are admitted, at that time, into the major of their choice within the Farquhar Center or the Center for Computer Information Systems. Students interested in the physician assistant undergraduate major must either attain dual admission upon entry to NSU or wait until their sophomore year to seek separate admission to the Health Professions Division. See the section "Dual-Admission Program" in this catalog.

### **Application Procedures**

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. Proof of high school graduation is required. Submit official high school or college transcripts and/or GED scores. All transcripts must be received by the end of the first eight weeks of enrollment.

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.

### **INTENSIVE STUDIES PROGRAM ACCEPTANCE**

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 admitted to 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.

### **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 the student is sponsored by a public or private organization or an individual. 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 Admissions Office, in writing, of their intention to enroll and forward a \$200 nonrefundable deposit to be credited toward tuition. Students admitted provisionally also will need to complete special forms for their academic program. Further questions should be directed to the Admissions Office at (954) 262-8001 or 800-338-4723, Ext. 8001.

## **MATRICULATION FOR THE COLLEGE OF PROFESSIONAL AND LIBERAL STUDIES**

Once an admitted student has enrolled in the Farquhar Center for Undergraduate Studies, the student must matriculate into the college, and then into his or her major. Students who do not successfully matriculate into the college within one year after admission must reapply and petition for admission to the college.

### **Matriculation into the College for First-Time College Students**

1. Within the first semester (16 weeks), students must submit official, final high school transcripts and other relevant documents from high school. Transcripts for any college courses taken must also be submitted.

2. To be sure that they 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.

3. Students who do not yet demonstrate college-level skills in mathematics, reading, and writing at specified levels on placement tests (including specified scores on the SAT or ACT) must successfully complete developmental courses (MATH 1000 and LANG 1000) by the end of one calendar year.

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

1. Within the first semester (16 weeks), students must submit official final transcripts from all colleges attended.

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

- a. Upon enrollment, transfer students present transcripts indicating comparable courses taken no more than five years prior to enrollment at NSU. Students must have earned a "C" or better in these courses.

- b. If courses were taken more than five years before enrollment, transfer students demonstrate competency on recency examination(s) with scores at or above the specified levels.
- c. Transfer students score at or above the specified level on placement test(s).
- d. 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 matriculating into a degree program. The 24-credit limit does not apply to Intensive Studies students or 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 application 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.

## **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 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. The student's number of years as an undergraduate can be reduced, and he or she receives 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.

### **COMBINED MAJORS AND MINORS**

NSU offers students the opportunity to acquire substantial credit in a second major or minor area. Students should consult an academic advisor to find out which majors may be combined. When requirements for a minor (or permissible second major) are completed, students must fill out a Request for Minor Form so that this information can be made a permanent part of the student's official academic transcript. Academic advisors can provide further information.

### **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 a minimum of 60 credits 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 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. This evaluation by an academic advisor should be completed before registration for the first semester at NSU. An evaluation of transfer credit will be completed by the end of the first semester of enrollment, and applicable credit will be transferred on the basis of 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 upon 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.

### **Recency Requirements**

Students who completed their English, mathematics, and/or computer literacy requirements more than five years ago must demonstrate recency by successfully completing appropriate examinations at NSU. Some examinations may be waived by presenting CLAST (College Level Academic Skills Test) results that meet

the current year's standards, if the CLAST results were completed within the past five years.

### 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, 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 non-paid 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, faculty, and the community. Faculty 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.

### 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 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**

<b>Grade</b>	<b>Points</b>
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 his or her 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. Students are protected by legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons. 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.

### **Withdrawal**

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 fifteenth week of a sixteen-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 1 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.

### **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).

## **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 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. 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, or 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 transferrable 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 from each academic department, a representative academic advisor, and a representative from the Academic Support Center. Appeals for suspension and dismissal are reviewed by the committee. 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. Such a contract must be signed by the student, the instructor, and the department's academic director. 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.

### **UNDERGRADUATE DEGREE**

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.

### **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; and

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."

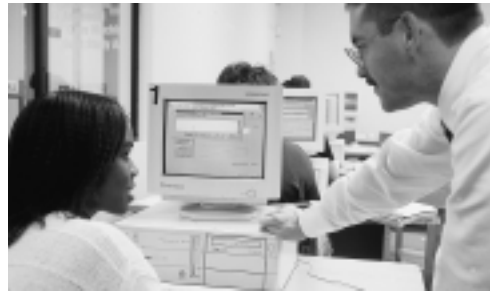
Students who have earned fewer than 54 credits at NSU may petition for graduation with distinction if they have maintained at least a 3.8 GPA in all course work accepted toward their degree program at NSU.

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

### **INTERRUPTION OF STUDIES**

A student who enrolls at NSU is eligible for graduation once he or she meets the program requirements listed in the university catalog that was in effect when the student entered NSU. When there is a major break in attendance (one calendar year from the end of the last semester enrolled), the student will then have to meet the requirements of the university catalog in effect when he or she returns to NSU, or as agreed upon 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. ”



## GENERAL EDUCATION PROGRAM

The General Education Program contains the following elements: a curriculum of core studies, a mathematics sequence, a composition sequence, and a series of distribution courses. The 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.

Students will spend approximately eight weeks in each of seven thematic and interdisciplinary program courses with faculty from several academic disciplines. By experiencing various disciplines that focus on a central theme, students gain a wider perspective often lacking in more traditional programs.

## PROGRAMS OF STUDY

### Core Studies

These outcomes will be met in part through 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 3 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 word processing, 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 transferrable 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)

HIST 2050 The American Experience  
HIST 2100 Roots of Western Society

3 hours

### Arts (select one)

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

3 hours

### Literature (select one)

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

3 hours

### Science and Technology (select two)

TECH 1110 Technology in the Information Age  
BIOL 1050 Concepts in Biology  
BIOL 1060 Amoebas to Zebras  
IOL 1070 Basics of Human Heredity  
BIOL 1080 Human Biology  
BIOL 1090 Age of Dinosaurs  
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  
CHEM2300 General Chemistry I/Lab  
CHEM2310 General Chemistry II/Lab  
PHYS 2350 Applied Physics I/Lab  
PHYS 2360 Applied Physics II/Lab  
OCES 2500 Introductory Oceanography/Lab

6 hours

### Oral Communication (select one)

LANG 2010 Public Communications  
LANG 2020 Theories of Argument and Debate  
LANG 2030 Dramatic Interpretation

3 hours

### 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  
Exceptional Education  
Hospitality Management  
Humanities  
Legal Assistant  
Legal Studies (prelaw)  
Life Sciences (premedical)  
Ocean Studies  
Psychology  
Science and the Business Environment  
Science and the Law  
Sports and Wellness

## 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 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.

### LEARNING OUTCOMES

A successful Legal Assistant Studies graduate is expected to:

1. Explain the basic theories, doctrines, concepts, and associated principles that comprise the knowledge base of law, with specific emphasis on torts, contracts, wills & trusts, civil procedure, litigation & evidence, family law, business organizations, real estate, and criminal law.
2. Use critical thinking skills to analyze and evaluate relevant facts and supporting material.
3. Use communication and interpersonal skills to effectively interact with clients, attorneys, judges, court personnel, and co-workers.
4. Categorize, organize, prioritize, and evaluate complex factual and legal issues.
5. Use legal research skills to research and find statutes, cases, and other primary source material, and draft legal documents.

## LEGAL ASSISTANT STUDIES REQUIRED DISTRIBUTIONS

### General Education Requirements **54**

<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
CORE 3470	Ethical Systems	3
CORE 4480	Journey II: The Capstone Experience	3
<i>General Education Specified Electives:</i>		
ARTS, HIST, LITR		9
Science and Technology Menu		3
TECH 1110	Technology in the Information Age	3
Hemispheric and Global Diversity Menu		3
Oral Communication Menu		3

### PROGRAM REQUIREMENTS **12**

PSYC 2380	Child and Adolescent Development	3
PHIL 1300	Critical Thinking	3
PHIL 3660	Philosophy of Law	3
LEGS 2210	Computer Applications for the Legal Prof.	3

### MAJOR REQUIREMENTS **48**

LEGS 1150	Introduction to Law and the Legal Prof.	3
LEGS 2400	Business Relations and Organizations	3
LEGS 3050	Civil and Criminal Responsibility	3
LEGS 3100	Legal Research and Writing I	3
LEGS 3260	Real Estate Practice I	3
LEGS 3300	Litigation and Procedure I	3
LEGS 3360	Wills, Trusts, and Estates I	3
LEGS 3550	Family Law	3
LEGS 4060	Debtor and Creditor Relations	3
LEGS 4110	Legal Research and Writing II	3
LEGS 4270	Real Estate Practice II	3
LEGS 4310	Litigation and Procedure II	3
LEGS 4370	Wills, Trusts, and Estates II	3
LEGS 4410	Corporate Regulation and Change	3
LEGS 4510	Special Topics	3
LEGS 4560	Elder Law	3

### OPEN ELECTIVES **6**

### TOTAL DEGREE REQUIREMENTS **120**

### PSYCHOLOGY MAJOR

The **Psychology** major provides students with a solid grounding in the knowledge base of psychology, 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
  - a. personality
  - b. human development
  - c. learning
  - d. cognition
  - e. group process and social influence
  - f. biological influences on human functioning
  - g. 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 not sure about which specialty they are most interested should take as many of the foundation courses as possible at the start of their program of studies. Departmental advisers will help students design individual courses of study that will help students meet their career goals.

## PSYCHOLOGY MAJOR REQUIRED DISTRIBUTIONS General Education Requirements

54

### 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	
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives:</i>	
ARTS, HIST, LITR	9
Science and Technology Menu	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	
<b>OR</b>	
PSYC 4810 Community Practicum	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 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 the Addictions	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

### 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 extra 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 3-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 minor courses are offered only in the evening.*

## SPECIALTIES IN BEHAVIORAL SCIENCES

The **Department of Behavioral Sciences** also supervises the Legal Assistant Studies Specialty and Substance Abuse Studies Specialty. The courses in each minor program may be taken in conjunction with a student's baccalaureate studies, or they may be taken by individuals who simply wish to take courses in one of these fields.

### Substance Abuse Studies Specialty

This specialty 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 specialty 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 specialty 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 Strat. in Substance Abuse  
Treatment  
PSYC 3630 Ethical and Professional Development in  
Substance Abuse  
PSYC 4100 Individual Counseling  
PSYC 4150 Group Counseling

*Students should be aware that minor courses are offered only in the evening.*

NSU is listed as a single-source provider by the Certification Board for Addictions Professionals in Florida (CBAPF).

The CBAPF has three specialty areas for certification: Certified Addictions Professional (TECH), Criminal Justice Addiction Professional (CJAP), and Certified Addiction Prevention Professional (TECHP).

The Substance Abuse Studies Specialty at NSU is designed so interested applicants will be able to pursue certification without interrupting their present career. Courses may be taken for college credit or for continuing education.

NSU is also an approved continuing education provider for the Board of Nursing and for the Department of Professional Regulation of Mental Health Counselors, Marriage and Family Therapists, and Social Workers, among others.

### Legal Assistant Studies Specialty

The Legal Assistant Studies specialty is offered for students pursuing their bachelor's degree and for students who already have their bachelor's degree. The program is appropriate for students pursuing legal assistant or other

law-related careers or business and for others who desire to understand the U.S. legal system and enhance their legal knowledge and skills.

The eight Legal Assistant Studies specialty courses are:

- LEGS 1150 Introduction to Law and the Legal Profession
- LEGS 2400 Business Relations and Organizations
- LEGS 3050 Civil and Criminal Responsibility
- LEGS 3100 Legal Research and Writing
- LEGS 3260 Real Estate Practice
- LEGS 3300 Litigation and Procedure I
- LEGS 3360 Wills, Trusts and Estates I
- LEGS 3550 Family Law

*Students should be aware that minor courses are offered only in the evening.*

## BUSINESS AND ADMINISTRATIVE STUDIES

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

- Accounting**
- Administrative Studies**
- Business Administration**
- Hospitality Management**
- Sports and Wellness**

### LEARNING OUTCOMES

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

1. Think critically, in terms of conceptualizing issues, analyzing data, and articulating and defending conclusions.
2. Demonstrate professional verbal and written communication skills in an organizational context.
3. Demonstrate an ability to formulate organizational strategies.
4. Recognize the value of and demonstrate an ability to make ethical and socially responsible decisions.
5. Demonstrate an understanding of the impact of emerging technologies and use them appropriately to gather, process, and present information.
6. Demonstrate an understanding of the legal and regulatory issues in an organizational context.
7. Use quantitative skills effectively to solve applied business problems.
8. Use interpersonal skills effectively at the individual, group, and organizational levels.
9. Demonstrate an understanding of the interaction between business and the global economy.

10. Demonstrate an understanding of increasingly diverse organizational, national and international cultures.

### ETHICS ACROSS THE CURRICULUM POLICY

The **Business and Administrative Studies** faculty believe 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. We 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 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 examinations. 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 the upper-division accounting courses are offered only once per year and may be offered only in the evening.

### ACCOUNTING REQUIRED DISTRIBUTIONS

#### General Education Requirements 54

<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
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9

Science and Technology Menu	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

<b>MAJOR REQUIREMENTS</b>	<b>66</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
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
ELECTIVES IN BUSINESS ( <i>Electives in business are limited to courses with ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.</i> )	6
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### ADMINISTRATIVE STUDIES MAJOR

The **Administrative Studies** major is offered for those students who plan careers as practitioners and need a general degree to prepare for a wide range of career opportunities. It is also appropriate for students transferring in large blocks of credit from other disciplines.

<b>ADMINISTRATIVE STUDIES REQUIRED DISTRIBUTIONS</b>	
<b>General Education Requirements</b>	<b>54</b>
<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
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9

Science and Technology Menu	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

<b>MAJOR REQUIREMENTS</b>	<b>42</b>
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
ELECTIVE IN BUSINESS ( <i>Electives in business are limited to courses with ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.</i> )	3
<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.

<b>BUSINESS ADMINISTRATION REQUIRED DISTRIBUTIONS</b>	
<b>General Education Requirements</b>	<b>54</b>
<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
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
Science and Technology Menu	3
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
<b>MAJOR REQUIREMENTS</b>	<b>51</b>
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
ELECTIVE IN BUSINESS ( <i>Electives in business are limited to courses with ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.</i> )		
OPEN ELECTIVES		15
<b>TOTAL DEGREE REQUIREMENTS</b>		<b>120</b>

### HOSPITALITY MANAGEMENT MAJOR

The major is appropriate for students pursuing careers in the hospitality, travel, and tourism industry. As with Accounting, Business Administration and Administrative Studies, BHM students meet all NSU MBA prerequisites. Note that some hospitality major courses are offered only in the evening.

#### HOSPITALITY MANAGEMENT REQUIRED DISTRIBUTIONS

##### General Education Requirements 54

<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
CORE 3470	Ethical Systems	3
CORE 4480	Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>		
ARTS, HIST, LITR		9
<i>Science and Technology Menu</i>		
TECH 1110	Technology in the Information Age	3
<i>Hemispheric and Global Diversity Menu</i>		
Oral Communication Menu		3

##### MAJOR REQUIREMENTS 51

ACCT 2100	Managerial Accounting	3
BUSS 2150	Business Law I	
<b>OR</b>		
<b>OR</b>		

HMG 3520	Applied Research and Market Develop.	3
BUSS 4880	Business Strategy and Policy	3
HMG 3130	Hospitality Human Resource Develop.	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
<b>OR</b>		
BUSS 4100	Business Ethics	3
HMG 4060	Legal Aspects of Tourism Events	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
ELECTIVE IN BUSINESS ( <i>Electives in business are limited to courses with ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.</i> )		
OPEN ELECTIVES		15
<b>TOTAL DEGREE REQUIREMENTS</b>		<b>120</b>

### SPORTS AND WELLNESS STUDIES MAJOR

The **Sports and Wellness Studies** major prepares graduates to pursue careers in areas such as school and community-based programs, professional sports, and commercial and agency-based programs. Sports and Wellness Studies Required Distributions

#### SPORTS MANAGEMENT SPECIALTY

##### General Education Requirements 54

<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
CORE 3470	Ethical Systems	3
CORE 4480	Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>		
ARTS, HIST, LITR		9
<i>Science and Technology Menu</i>		
TECH 1110	Technology in the Information Age	3
<i>Hemispheric and Global Diversity Menu</i>		
Oral Communication Menu		3

##### MAJOR REQUIREMENTS

<b>Core Requirements 15</b>		
SPWS 1200	Sports and Wellness Management	3
SPWS 2200	Historical Perspectives in Sports and Wellness	3
SPWS 3100	Legal Aspects of Sports and Wellness	3
SPWS 4200	Sports and Wellness in our Social Institutions	3
SPWS 4300	Sports, Wellness, and Diversity	3

<b>Specialty Requirements</b>	<b>39</b>
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 Fin., Fund., and Bgt. In Sports Mgmt.	3
SPWS 4400 Sports and Wellness Administration	3
SPWS 4500 Sports 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
ELECTIVE IN BUSINESS ( <i>Electives in business are limited to courses with ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.</i> )	3
<b>OPEN ELECTIVES</b>	<b>12</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### LIFE SCIENCE SPECIALTY

#### General Education Requirements 45

<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	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

#### PROGRAM REQUIREMENTS 10

BIOL 1500 Biology I/Lab	4
MATH 1250 Trigonometry	3
MATH 3020 Applied Statistics	3

### MAJOR REQUIREMENTS

#### Core Requirements 15

SPWS 1200 Sports and Wellness Management	3
SPWS 2200 Historical Perspectives in Sports and Wellness	3
SPWS 3100 Legal Aspects of Sports and Wellness	3
SPWS 4200 Sports and Wellness in our Social Institutions	3
SPWS 4300 Sports, 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
<b>OPEN ELECTIVES</b>	<b>7-9</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120-122</b>

### PSYCHOLOGY/SCIENCE SPECIALTY

#### General Education Requirements 45

<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	3
<b>OR</b>	
CORE 2460 Economic Transformations and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

#### PROGRAM REQUIREMENTS 10

BIOL 1500 Biology I/Lab	4
MATH 1250 Trigonometry	3
MATH 3020 Applied Statistics	3

### MAJOR REQUIREMENTS

#### Core Requirements 15

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

#### Specialty Requirements 35

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
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
<b>OPEN ELECTIVES</b>	<b>15</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</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 Science**
- Computer Information Systems**

## LEARNING OUTCOMES

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

1. Demonstrate understanding of the field of computing, both as an academic discipline and as a profession within the context of society.
2. Demonstrate understanding of the body of theory which underlies the field of computing.
3. Demonstrate knowledge of the essential elements of computer science.
4. Apply knowledge of computing to specific problems and produce solutions.
5. Demonstrate an appreciation for the ethical and societal issues associated with the computing field.
6. Demonstrate the capability for staying current and, more generally, for achieving ongoing self-education in the computing discipline.
7. Use current programming languages, software development tools, software systems, and commonplace computing platforms.

## COMPUTER INFORMATION SYSTEMS MAJOR

**Computer Information Systems** prepares the student for a career in business applications as a programmer/analyst, systems analyst, or an 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.

Students should be aware that *all* major courses are offered only in the evening.

# COMPUTER INFORMATION SYSTEMS REQUIRED DISTRIBUTIONS

## General Education Requirements

54

<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	
<b>OR</b>		
CORE 2460	Economic Transformations and Society	3
CORE 3470	Ethical Systems	3
CORE 4480	Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>		
ARTS, HIST, LITR		9
Science and Technology Menu		3
TECH 1110	Technology in the Information Age	3
Hemispheric and Global Diversity Menu		3
Oral Communication Menu		3

## MAJOR REQUIREMENTS

68

CSIS 1400	Discrete Mathematics	3
CSIS 1600	Logic Design	3
CSIS 1900	Intro to Computer Programming	4
CSIS 2200	Business Oriented Language (COBOL)	4
CSIS 2410	Assemblers and Assembly Language Programming	4
CSIS 2600	C++ Programming Language	4
CSIS 3010	Organization of the Computer Environment	3
CSIS 3250	Networks and Data Communication	3
CSIS 3310	Advanced C++ and Object-Oriented Programming	4
CSIS 3400	Data Structures	4
CSIS 3750	Software Engineering	4
CSIS 4310	Distributed Data Processing	4
CSIS 4530	Database Management	3
ELECTIVES IN CSIS (3000-level or above)		12
OTHER ELECTIVES ( <i>limited to ACCT, BUSS, ECON, FINC, MGMT, MRKT</i> )		9

## TOTAL DEGREE REQUIREMENTS

122

## COMPUTER SCIENCE MAJOR

**Computer Science** includes the systematic study of algorithms and data structures. The curriculum is consistent with Association for Computing Machinery recommendations for model curricula 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 co-requisites in mathematics, including discrete mathematics, differential and integral calculus, and probability and statistics.

Students should be aware that *all* major courses are offered only in the evening.

**COMPUTER SCIENCE  
REQUIRED DISTRIBUTIONS  
General Education Requirements**

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 2100 Calculus I	4
MATH 2200 Calculus II	4
<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
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
PHYS 2400 Physics I with Lab	4
PHYS 2500 Physics II with Lab	4
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

**MAJOR REQUIREMENTS 65**

CSIS 1400 Discrete Mathematics	3
CSIS 1600 Logic Design	3
CSIS 1900 Intro to Computer Programming	4
CSIS 2410 Assemblers and Assembly Language Programming	4
CSIS 2600 C++ Programming Language	4
CSIS 3110 Foundations of Computer Science	4
CSIS 3250 Networks and Data Communications	3
CSIS 3310 Object-Oriented Programming	4
CSIS 3400 Data Structures	4
CSIS 3530 Intro to Artificial Intelligence	3
CSIS 3750 Software Engineering	4
CSIS 3810 Operating Systems	3
CSIS 4050 Computer Architecture	3
CSIS 4600 Systems Programming	4
CSIS 4610 Design and Analysis of Algorithms	3
ELECTIVES IN CSIS (3000-level or above)	12

**TOTAL DEGREE REQUIREMENTS: 123**

**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**
- 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 present 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:

1. sensitive to students' academic, social and emotional needs,
2. knowledgeable about effective teaching practices and technologies,
3. responsive to the diverse needs of all students, (particularly those of at risk and special needs learners),
4. supportive of families and community involvement,
5. effective communicators, and
6. 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 State of Florida Department of Education for quality teacher education programs.

**MATRICULATION  
REQUIREMENTS FOR EDUCATION MAJORS**

1. The student must comply with the admissions and matriculation requirements established by the Farquhar Center for the College of Professional and Liberal Studies.
2. The student must earn a grade of C- or better in LANG 1500 and MATH 1100 or their equivalents.
3. The student must earn a grade of C or better in the required course EDUC 1100 Exploration of the Education Profession.
4. The students will be assessed on a written essay entitled "Why I want to enter the teaching profession" and must meet the standards of proficiency described in the scoring rubric.

The essay will be marked on the basis of style and content. The rubric used to score this exam will be distributed to the student prior to writing the essay.

5. The student must earn a cumulative GPA of 2.5 in the first twelve 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 twelve credits.

Students may matriculate into the major after attempting twelve credits but before accumulating 24 credits or be subject to departmental review. All appeals will be heard by the Director of the Department of Education.

While attempting their first twelve credits at NSU, students will be designated as pre-education candidates. Upon meeting the conditions of matriculation into the Department of Education, students will become education majors and will be notified by letter.

### **BACKGROUND CHECK FOR CLINICAL FIELD EXPERIENCES**

Many education courses include field experiences as a major component. Prior to participation in these field experiences in the public school systems, students may be required to undergo fingerprinting and a background check. The procedures can vary from county to county. Students at site locations may obtain information from the local county school district.

Broward County Public Schools has an established policy both for fingerprinting and a security clearance. *Fingerprinting and the security clearance application must be completed before a student can enter a classroom in Broward County Public Schools.*

Students must register for noncredit Clinical Field Experience according to major) with their academic advisor each semester.

- **EDUC 0100 Early Childhood Education**
- **EDUC 0200 Elementary Education**
- **EDUC 0300 Exceptional Education**
- **EDUC 0400 Secondary Education**

### **INTERNSHIP**

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

Education Internship Program EDUC 4520 (Student Teaching and Seminar) is offered each academic year in the fall and winter terms.

### **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 each intern candidate a letter indicating his or her 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 makes a final list of student interns for that semester.

Students are eligible for the Internship if they have earned 108 of the required 120 credits, including the required methods courses; 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 State 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, elementary education, exceptional education, biological science, English, mathematics, or social studies.

### 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 and the State of Florida's requirements for initial certification. The student's transcript will be annotated as having met the Program Approval process. Issuance of the certificate is reasonably assured and facilitated by the Florida Department of Education. *Actual teacher certification is awarded by the Florida Department of Education.*

The Transcript Review Process means that a student has followed a course/program sequence established by Nova Southeastern University and consistent with 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 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.*

*The State Department of Education (DOE) reserves the right to change requirements leading to certification at anytime.*

### EARLY CHILDHOOD EDUCATION MAJOR

The **Early Childhood Education** major combines theoretical components with practical applications. Students in this degree program will have extensive field experiences in the community and in local schools

(preK 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 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.

## EARLY CHILDHOOD EDUCATION REQUIRED DISTRIBUTIONS

### General Education Requirements 54

<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
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
TECH 1110 Technology in the Information Age	3
Science and Technology Menu	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### PROGRAM REQUIREMENTS 9

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>For 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 Pre-kindergarten 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 4520	Internship	12
<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. Elementary Education students will have educational experiences which provide theoretical foundations, promote the integration of technology and encompass a variety of field experiences. Through the field experiences, students will translate research and theory into practice. Students enrolled in the Elementary Education program will be encouraged to recognize and appreciate the diversity of today's children and be able 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.

### ELEMENTARY EDUCATION REQUIRED DISTRIBUTIONS

#### General Education and Program Requirements 54

<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
CORE 3470	Ethical Systems	3
CORE 4480	Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>		
ARTS, HIST, LITR 9		
TECH 1110	Technology in the Information Age	3
Science and Technology Menu 3		
Hemispheric and Global Diversity Menu 3		
Oral Communication Menu 3		

<b>PROGRAM REQUIREMENTS</b>		<b>6</b>
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 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 1000, 2000, 3000 and 4000 (see chart on page 43.)

## EXCEPTIONAL EDUCATION MAJOR

The **Exceptional Education** major is divided into four specialties:

- Varying Exceptionalities, K-12 (VE)**
- Learning Disabilities, K-12 (LD)**
- Mental Handicaps, K-12 (MH)**
- Emotional Handicaps, K-12 (EH)**

The specialty in Varying Exceptionalities (VE) 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. Specialties in the areas of LD, MH and EH are available to prepare students for certification in LD, MH, or EH. The VE specialty is offered at all sites off-campus. Specialties in the area of learning disabilities, mentally handicapped and emotionally handicapped are offered on the main campus only.

### EXCEPTIONAL EDUCATION REQUIRED DISTRIBUTIONS

#### General Education and Program Requirements 54

<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

## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS FOR ELEMENTARY EDUCATION

12 credits/16 wks Block #1	Benchmark #1 CLAST or PPST; Recency Tests or Placement Tests; Preprogram Questionnaire/ Self-Assessment; Portfolio Assessment with Mentor; Background Check for Field Experiences (Students register concurrently for Benchmark #1 and Block #1 courses)			
1st 8-week term	Sociological Foundations of Education EDUC 3420	3 cr/ 8 wks	Science Curriculum for Education Majors ELEM 3020	3 cr/ 8 wks
2nd 8-week term	Psychological Foundations of Teaching EDUC 3360	3cr/ 8 wks	Mathematics Curriculum for Education Majors ELEM 3060	3cr/ 8 wks
12 cr/16 wks Block #2	Benchmark #2 20 ACT, 840 SAT or 950 SATR; and Portfolio Assessment with Mentor (Students register concurrently for Benchmark #2 and Block #2 courses)			
1st 8-week term	Principles and Practices of Instruction and Assessment: I EDUC 4470	3 cr/ 8 wks	Methods of Teaching Mathematics in the Elementary School ELEM 3160	3 cr/ 8 wks
2nd 8-week term	Principles and Practices of Instruction and Assessment: II EDUC 4490	3 cr/ 8 wks	Methods of Teaching Language Arts through Children's Literature in the Elementary School ELEM 3180	3 cr/ 8 wks
<b>Students must complete Benchmark #1 before registering for Block #3 and Benchmark #3</b>				
12 cr/16 wks Block #3	Benchmark #3 Portfolio Assessment with Mentor (Students register concurrently for Benchmark #3 and Block #3 courses)			
1st 8-week term	Methods of Teaching Literacy in the Elementary School ELEM 3310 (2, 3, 5)	3 cr/ 8 wks	Methods of Teaching Science in the Elementary School ELEM 3120 (1, 3, 5, 9)	3 cr/ 8 wks
2nd 8-week term	Methods of Reading Assessment ELEM 3320 (2, 8)	3 cr/ 8 wks	Methods of Teaching Social Studies in the Elementary School ELEM 3110 (1, 2, 3, 5, 7, 9, 10)	3 cr/ 8 wks
<b>Students must complete Benchmark #2 before registering for Block #4</b>				
12 cr/16 wks Block #4	Benchmark #4 PRAXIS Test or FTCE; Postprogram Questionnaire/Self-Assessment; and Final Portfolio Assessment with Mentor (Students register concurrently for Benchmark #4 and Block #4 courses)			
1st 8-week term	Classroom Management for Typical and Atypical Learners in the Multicultural Classroom EDUC 4480	3 cr/ 8 wks	Survey of Exceptional Education ESED 4350	3 cr/ 8-wks
2nd 8-week term	Integrating Instructional Technology Across the Curriculum EDUC 3510	3 cr/ 8 wks	Methods of Teaching Music, Art and Physical Activity in an Integrated Curriculum ELEM 3640	3 cr/ 8 wks
<b>Students must complete Benchmark #3 before registering for Block #5</b>				
12 cr/16 wks Block #5	Teaching Internship and Seminar			
<b>Students must complete Benchmark #4 before graduating.</b>				
Total Credits: 60	80 weeks=5 semesters or 10 quarters)			

<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
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
TECH 1110 Technology in the Information Age	3
Science and Technology Menu	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

**PROGRAM REQUIREMENTS 6**

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.**

**EXCEPTIONAL EDUCATION/  
VARYING EXCEPTIONALITIES, K-12  
General Education and Program Requirements 60**

**MAJOR REQUIREMENTS 63**

EDUC 3360 Psychological Foundations of Teaching	3
EDUC 3420 Sociological Foundations of Education	3
EDUC 3510 Integrating Instructional Technology in the Class.	3
EDUC 4470 Principles and Practices I	3
ELEM 3160 Meth. of Teaching Math in Elementary	3
ELEM 3180 Meth. of Teaching Language Arts in Elementary	3
ELEM 3310 Meth. of Teaching Literacy in Elementary	3
ELEM 3320 Meth. of Reading Assessment I	3
ESED 4350 Survey of Exceptional Education	3
ESED 4380 Educational Assessment of Exceptional Children	3
ESED 4400 Intro to Language Dev and Speech Disabilities	3
ESED 4530 Vocational/Functional Life Skills	3
ESED 4580 Classroom Management of the Exceptional Student	3
ESED 4360 Teaching Mildly Handicapped Students	3
ESED 4080 Classroom Procedures for Mentally Handicapped	3
ESED 4440 Methods and Materials of Tchg. SLD Learners	3
ESED 4290 Educational Programming for the Emotionally Handicapped	3
EDUC 4520 Internship	12

**TOTAL DEGREE REQUIREMENTS 123**

**EXCEPTIONAL EDUCATION/  
LEARNING DISABILITIES, K-12  
General Education and Program Requirements 60**

**MAJOR REQUIREMENTS 57**

EDUC 3360 Psychological Foundations of Teaching	3
EDUC 3420 Sociological Foundations of Education	3
EDUC 3510 Integrating Instructional Technology in Classroom	3
EDUC 4470 Principles and Practices I	3
ELEM 3160 Meth. of Teaching Math in Elementary School	3
ELEM 3180 Meth. of Teaching Language Arts in Elementary	3
ELEM 3310 Meth. of Teaching Literacy in Elementary	3
ELEM 3320 Meth. of Reading Assessment I	3

ESED 4390 Curriculum for Learning Disabilities	3
ESED 4440 Methods and Materials for Tchg. SLD Learners	3
ESED 4330 Foundations of Learning Disabilities	3
ESED 4350 Survey of Exceptional Education	3
ESED 4380 Educational Assessment of Exceptional Children	3
ESED 4400 Intro to Language Dev and Speech Disabilities	3
ESED 4530 Vocational/Functional Life Skills	3
ESED 4580 Classroom Management of the Exceptional Student	3
EDUC 4520 Internship	12
<b>OPEN ELECTIVES</b>	<b>3</b>

**TOTAL DEGREE REQUIREMENTS 120**

**EXCEPTIONAL EDUCATION/  
MENTAL HANDICAPS, K-12  
General Education and Program Requirements 60**

**MAJOR REQUIREMENTS 57**

EDUC 3360 Psychological Foundations of Teaching	3
EDUC 3420 Sociological Foundations of Education	3
EDUC 3510 Integrating Instructional Technology in the Class	3
EDUC 4470 Principles and Practices I	3
ELEM 3160 Meth. of Teaching Math in Elementary School	3
ELEM 3180 Meth. of Teaching Language Arts in Elementary	3
ELEM 3310 Meth. of Teaching Literacy in Elementary	3
ELEM 3320 Meth. of Reading Assessment I	3
ESED 4060 Foundations of Mental Handicaps	3
ESED 4070 Curriculum for Mentally Handicapped	3
ESED 4080 Classroom Procedures for Mentally Handicapped	3
ESED 4350 Survey of Exceptional Education	3
ESED 4380 Educational Assessment of Exceptional Children	3
ESED 4400 Intro to Language Dev. and Speech Disabilities	3
ESED 4530 Vocational/Functional Life Skills	3
ESED 4580 Classroom Management of the Exceptional Student	3
EDUC 4520 Internship	12

**OPEN ELECTIVES 3**

**TOTAL DEGREE REQUIREMENTS 120**

**EXCEPTIONAL EDUCATION/  
EMOTIONAL HANDICAPS, K-12  
General Education and Program Requirements 60**

**MAJOR REQUIREMENTS 54**

EDUC 3360 Psychological Foundations of Teaching	3
EDUC 3420 Sociological Foundations of Education	3
EDUC 3510 Integrating Instructional Technology in the Class	3
EDUC 4470 Principles and Practices I	3
ELEM 3160 Meth. of Teaching Math in Elementary School	3
ELEM 3310 Meth. of Teaching Literacy in Elementary School	3
ELEM 3320 Meth. of Reading Assessment I	3
ESED 4200 Foundations of Emotional Handicaps	3
ESED 4290 Educ. Programming for Emotionally Handicapped	3
ESED 4300 Classroom Mgmt of the Emotionally Handicapped	3
ESED 4320 Precision Teaching	3
ESED 4350 Survey of Exceptional Education	3
ESED 4380 Educational Assessment of Exceptional Children	3
ESED 4400 Intro to Language Dev. and Speech Disabilities	3
ESED 4530 Vocational/Functional Life Skills	3
ESED 4580 Classroom Management of the Exceptional Student	3
EDUC 4520 Internship	12

**OPEN ELECTIVES 6**

**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 1998-1999 academic year.)

The **Secondary Education** major, with specialties in biological sciences, English, mathematics, or social studies, is a program designed to prepare students to teach their specialty field in middle and/or high schools to meet requirements for certification in Florida as well as to become eligible for certification in other states.

### SECONDARY EDUCATION REQUIRED DISTRIBUTIONS

#### General Education Requirements 54

<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
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Experience	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
TECH 1110 Technology in the Information Age Science and Technology Menu	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

#### PROGRAM REQUIREMENTS 6

PSYC 380 Child and Adolescent Development	3
EDUC 1100 Exploration of the Education Profession	3

#### MAJOR REQUIREMENTS 33

EDUC 3360 Psychological Foundations of Teaching	3
EDUC 3420 Sociological Foundations of Education	3
EDUC 3510 Integrating Instructional Technology in the Class	3
EDUC 4470 Principles and Practices I	3
EDUC 4480 Classroom Management	3
ESED 4350 Survey in the Education of Exceptional Children	3
SECE 0000 Teaching ?? in Middle and Secondary School	3
EDUC 4520 Internship	12

#### SPECIALTIES:

##### Social Sciences

EDUC 4360 Meth. of Tchg. Reading in Middle/Sec. School	3
*Specialty courses according to certification requirements	30
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>123</b>

#### Mathematics

*Specialty courses according to certification requirements	27
OPEN ELECTIVES	3
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

#### English

EDUC 4360 Meth. of Tchg. Reading in Middle/Sec. School	3
*Specialty courses according to certification requirements	27
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

#### Biology

*Specialty courses according to certification requirements	33-36
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>123-126</b>

\*Contact Student Advising for specific requirements

*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.

Students pursuing this minor will take six other credits of science in the General Education Science and Technology menu. TECH 1110 will be taken as part of the minor.

TECH 1110 Technology in the Information Age	3
EDUC 3510 Integrating Instructional Technology in the Classroom	3
TECH 2150 Using the Internet	3
TECH 3520 Emerging Technology in Education	3
TECH 3530 Multimedia Authoring Systems for Educators	3
TECH 4510 Utilizing Technology to Develop Curriculum	3

#### English for Speakers of Other Languages (E.S.O.L.) K-12 Add-on Endorsement

The state-approved courses leading to E.S.O.L. endorsement enable educators to add additional coverage to their certification. This will allow them to teach students who are designated as being L.E.P. (Limited English Proficient) and who are in E.S.O.L. 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 State teacher certification and for educators who are certified in other areas.

For endorsement, program participants must satisfactorily complete five (5) courses as prescribed by the State, which total 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 E.S.O.L. Curriculum and Materials
- \*ESOL 4903 Cross-Cultural Studies
- \*ESOL 4904 Linguistics for E.S.O.L. Educators
- \*ESOL 4905 Testing and Evaluation in E.S.O.L.

\*The course prefix for the E.S.O.L. is cross-referenced TPEP.

## LIBERAL ARTS

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

- Humanities**
- Legal Studies**

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

- Science and the Law**

## 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 54

<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 Statistics3	
<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 Econ. Transformations and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Exp.	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
Science and Technology Menu	3
TECH 1110 Technology in the Info. Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### MAJOR REQUIREMENTS 48

#### BASIC COURSES

##### Philosophy

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**

(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 3660 Philosophy of Law
- \*PHIL 4900 Special Topics in Philosophy

**The Arts**

(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.
- HUMN 4999 Senior Project

**OPEN ELECTIVES**

**TOTAL DEGREE REQUIREMENTS**

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

6

6

6

6

3

3

**18**

**120**

**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 Assistant Specialty Certificate**

Students wishing to pursue both a Legal Studies major and a Legal Assistant Specialty Certificate 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 specialty.

**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.

**LEGAL STUDIES**

**REQUIRED DISTRIBUTIONS**

**General Education Requirements**

**54**

*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

<b>OR</b>	
CORE 2460 Econ. Transformations and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II: The Capstone Exp.	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
Science and Technology Menu	3
TECH 1110 Technology in the Info. 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	3
<b>OR</b>	
PHIL 3340 History of Political Thought II	3
PHIL 3660 Philosophy of Law	3

\* Indicates new course title (compared to 1995-96 catalog)

**OPEN ELECTIVES 18**

**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.

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 (6) of the courses offered: two (2) from the Basic Menu and four (4) others from a selected Minor Sequence for a total of eighteen (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 4900 Special Topics in Communications, with permission of department chair	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
SOCL 4030 Images of Women in Popular Culture	3

**Broadcasting Sequence**

Required:

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

Select two courses:

ARTS 2400 The Theatre Arts	3
ARTS 2500 Music Through History	3
COMM 4900 Special Topics in Communications, with permission of department chair	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
MRKT 3210 Advertising and Sales	3

**TOTAL 18**

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 plan careers in business, government, medical and psychological services, the legal profession, or education. The courses in this minor allow students to expand their concept of social and ecological responsibility 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 3-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	3
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 Women and Society: Cross-Cultural Perspectives	3
SOCL 3240 Women in the Workforce	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

This 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.

HIST 3010 Constitutional History I	3
HIST 3020 Constitutional History II	3
<b>OR</b>	
PHIL 3330 History of Political Thought I	3
PHIL 3340 History of Political Thought II	3
LGST 2010 Law in Action	3
LGST 2100 The Legal Profession	3
<b>OR</b>	
LGST 2400 Comparative Legal Systems	3
PHIL 3660 Philosophy of Law	3
ANY 400- Level LGST Course	3

**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, 3-credit courses from the Hemispheric and Global Diversity Menu, and three 3-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 3 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

Select two courses:

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

### Select three courses:

BIOL	1040	Environmental Studies	3
BUSS	3550	Introduction to International Business	3
CORE	2460	Economic Transformations and Societ	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	3
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	Women and Society: Cross-Cultural Perspectives	3
SOCL	3240	Women in the Workforce	3
<b>TOTAL</b>			<b>18</b>

\* Students who take LACS 4850: Preparation for Field Studies, and LACS 4860: Field Study in Latin America (LACS 4860 requires LACS 4850 as prerequisite) should select **one** course from the **Hemispheric and Global Diversity** menu and **two** courses from the **Latin American and Caribbean Studies** 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 these courses. Students should consult the current Undergraduate 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 3-credit course from each of the four humanities areas: Arts, History, Literature, Philosophy. Students then select an additional two courses (6 credits) at the 3000-level or above in one area of concentration.

<b>ARTS</b>	<b>HISTORY</b>
ARTS 2300 Art and Society	HIST 2050 The American Experience
ARTS 2400 Theatre Arts	HIST 2100 The Roots of Western Society

ARTS 2500 Music Through History	HIST 3010 Constitutional History
ARTS 2540 Intro to Film Criticism	HIST 3020 Constitutional History II
ARTS 3000 Film Studies	HIST 3030 Studies in American History
ARTS 3020 Women in the Arts	HIST 3040 Studies in European and Non-Western History
ARTS 3300 Myth and Art	HIST 4900 Special Topics in History
ARTS 4900 Special Topics in the Arts	

## LITERATURE

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

## 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 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.

## 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.

## MATH, SCIENCE, AND TECHNOLOGY

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

- Life Sciences (premedical)**
- Ocean Studies**
- Science and the Business Environment**
- Science and the Law**

### LEARNING OUTCOMES

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

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).

### 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, veterinary schools, and of schools for graduate study in the biological sciences. Dual admissions and combined programs with the Nova Southeastern University Health Professions divisions are available for select, qualified students. Information on these programs can be obtained from the Office of Admissions of the Farquhar Center.

### LIFE SCIENCES REQUIRED DISTRIBUTIONS General Education Requirements 52

<i>English Composition</i>	
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
<i>Mathematics</i>	
MATH 2100 Calculus I	4
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 Econ. Transformation and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II	3
<i>General Education Specified Electives</i>	
ARTS, HIST, LITR	9
TECH 1110 Technology in the Information Age	3
Hemispheric and Global Diversity Menu	3
Oral Communication Menu	3

### MAJOR REQUIREMENTS 52-55

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
CHEM2300 General Chemistry I/Lab	4
CHEM2310 General Chemistry II/Lab	4

Choose 4 of the following:

<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 Developmt	3
<sup>2*,4,5</sup> PSYC 2390 Adulthood and Aging	3
<sup>3,4</sup> ECON2010 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 13-16  
TOTAL DEGREE CREDIT REQUIREMENTS 120

## 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 bachelors-master's Program with the Oceanographic Center is available for select, qualified students. Information on this program can be obtained from the Farquhar Center Office of Admissions.

### OCEAN STUDIES REQUIRED DISTRIBUTIONS General Education Requirements

<i>English Composition</i>		52
LANG 1500 College Writing I	3	
LANG 2000 College Writing II	3	
<i>Mathematics</i>		
MATH 2100 Calculus I	4	
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 Econ. Transformations and Society	3	
CORE 3470 Ethical Systems	3	
CORE 4480 Journey II	3	
<i>General Education Specified Electives</i>		
ARTS, HIST, LITR	9	
TECH 1110 Technology in the Information Age	3	
Hemispheric and Global Diversity Menu	3	
Oral Communication Menu	3	

<b>MAJOR REQUIREMENTS</b>		<b>69-72</b>
BIOL 1500 Biology I/Lab	4	
BIOL 1510 Biology II/Lab	4	
BIOL 3200 General Ecology/Lab	4	
BIOL 3210 History of Scienc	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	
BIO/CHEM/MATH Elective	3	

Select 4 of the following 7:

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

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

### TOTAL DEGREE CREDIT 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 51

<i>English Composition</i>		51
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 Econ. Transformations and Society	3	
CORE 3470 Ethical Systems	3	
CORE 4480 Journey II	3	
<i>General Education Specified Electives</i>		
ARTS, HIST, LITR	9	
TECH 1110 Technology in the Information Age	3	
Hemispheric and Global Diversity Menu	3	
Oral Communication Menu	3	

<b>PROGRAM REQUIREMENTS</b>		<b>4</b>
BIOL 1500 Biology I/Lab	4	

<b>MAJOR REQUIREMENTS</b>	<b>52-57</b>
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

Choose 5 courses:

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
OCOR5604 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 CREDIT 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 51**

*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 Econ. Transformations and Society	3
CORE 3470 Ethical Systems	3
CORE 4480 Journey II	3

*General Education Specified Electives*

ARTS, HIST, LITR	9
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
CHEM2300 General Chemistry I/Lab	4
CHEM2310 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 LGST elective	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

Choose 4 courses:

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
OCOR5604 Marine Geology	3
CZMT 0609 Principles of Coastal Zone Management	3

OCOR and CZMT are graduate courses taken for undergraduate credit.

**OPEN ELECTIVES 7-12**  
**TOTAL DEGREE CREDIT 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.



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## THE COLLEGE OF CAREER DEVELOPMENT

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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.

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 present 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 present condition of family and employment.

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 for 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 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 and at various off-campus locations, including Boca Raton, Bonita Springs, Brandenton/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 first-hand 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.

#### *Experiential 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.

#### *Special Programs*

NSU has designed specialized credit and noncredit programs for working adults. Baccalaureate-degree-granting programs are offered in accelerated curricula 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, are offered in a cluster format wherever sufficient interest is shown by qualified students.

### **ADMISSION INFORMATION AND COUNSELING**

Choosing a university can't 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. Whether you should go to college.
2. Where you should go to college.
3. When you should 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 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. Submit official high school or college transcript(s).

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. Refer to "International Student Application Procedures" in this catalog for specific admission requirements.

## ACCEPTANCE

Students are admitted to the College of Career Development after they have completed the application forms; paid the appropriate fee (as shown in NSU's files); submitted proof of high school graduation (or its equivalent); and submitted official or unofficial transcripts from previously attended colleges.

## MATRICULATION FOR THE COLLEGE OF CAREER DEVELOPMENT

Once an admitted student has enrolled in the Farquhar Center for Undergraduate Studies, the student must matriculate into the college, and then into his or her major. Students who do not successfully matriculate within one year after admission must reapply and petition for admission to the college.

### Matriculation for First-Time College Students

1. Within the first semester (16 weeks), students must submit official, final high school transcripts and other relevant documents from high school. Transcripts for any college courses taken must also be submitted.

2. To be sure that they 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 within the first eight (8) weeks of enrollment. (Some students are exempt on the basis of their scores on the SAT or ACT and their major.)

3. Students who do not yet demonstrate college-level skills in mathematics and writing at specified levels on placement tests must successfully complete developmental courses (MATH 1000 and LANG 1000) by the end of one calendar year.

### Matriculation for Transfer Students with Credits from Other Colleges/Universities

1. Within the first semester (16 weeks), students must submit official transcripts from all colleges attended.

2. 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:

- Upon enrollment, transfer students must present transcripts indicating comparable courses taken no more than five years prior to enrollment at NSU. Students must have earned a grade of C or better in these courses.
- If courses were taken more than five years before enrollment at NSU, transfer students must demonstrate competency on recency examinations at or above the specified level.
- Transfer students must score at or above the specified level on placement test(s).
- Transfer students must successfully complete the required developmental course(s) in 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 matriculating into 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 application form and submit it with the application fee. Once the application 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.

### **COMBINED MAJORS AND MINORS**

NSU offers students the opportunity to acquire substantial credit in a second major or minor area. Students should consult an academic advisor to find out which majors may be combined. When requirements for a minor (or permissible second major) are completed, students must fill out a Request for Minor Form so that this information is made a permanent part of the student's official academic transcript. Academic advisors can provide further information.

### **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 a 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 a minimum of 60 credits 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 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. This evaluation by an academic advisor should be completed before registration for the first semester at NSU. An evaluation of transfer credit will be completed by the end of the first semester of enrollment, and applicable credit will be transferred on the basis of the 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 upon 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.

### **Recency Requirements**

Students who completed their English, mathematics, and/or computer literacy requirements more than five years ago must demonstrate recency by successfully completing appropriate examinations at NSU. Some examinations may be waived by presenting CLAST (College Level Academic Skills Test) results that meet the current year's standards, if the CLAST results were completed within the past five years.

### **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.

### **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.

### 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 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 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 first class assignments to 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

### Quality Points and Grade Point Average

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 his or her 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. Students are protected by legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons. 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.

### **Withdrawal**

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 fifteenth week of a sixteen-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 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 (3) 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 (3) attempts in required general education and core courses (where there are no alternative courses) are automatically dismissed.

### **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).

## **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 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.

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").

### **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 transferrable 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 from each academic department, a representative academic advisor, and a representative from the Academic Support Center. Appeals for suspension and dismissal are reviewed by the committee. 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.

### **Standards of Progress for VA Students**

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 the student if it is determined that there is a reasonable likelihood that the student will attain and maintain satisfactory progress for the remainder of his or her degree program.

### **INDEPENDENT STUDY AND TUTORIAL**

Independent Study provides qualified students with 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. 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. It must be signed by the student, the instructor, and the department's academic director. 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.

### **UNDERGRADUATE DEGREE**

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.

### **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; and
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**

A student who enrolls at NSU is eligible for graduation once he or she meets the program requirements listed in the university catalog in effect when the student entered NSU. When there is a major break in attendance (one calendar year from the end of the last semester enrolled), the student will then have to meet the requirements of the university catalog in effect when he or she returns to NSU, or as agreed upon 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
- Legal Studies (pre-law)
- 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 major concentrations:

- 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 Public Communications	3
MATH 1030 Introductory Algebra I (or higher)	3
MATH 3020 Applied Statistics	3
TECH 1110 Technology in the Information Age	3
ARTS/ HUMN/LITR./PHIL Electives	6
BIOL/PHYS Electives	6
PSYC Elective	3

## PROGRAMS OF STUDY

Liberal Arts Elective:  
COMM/ECO/GEO/HIST/HUMN/  
LANG/BIOL/MATH/PHYS/POLS/  
PSYC/SOCL 3

### GENERAL EDUCATION SPECIFIED ELECTIVES 9

*(Choose one course from two of the following areas.)*

<u>Ethical Issues</u>	
PHIL 3210 Ethics	3
BUSS 4100 Business Ethics	3
<u>Environmental Issues</u>	
GEOG/PHYS 2260 Conservation of Natural Resources	3
BIOL/PHYS 1040 Environmental Studies	3
BIOL 2220 Marine Biology	3
<u>International and Cross-Cultural Issues</u>	
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)	<b>18</b>
Concentration II	
(taken at Nova Southeastern University)	<b>18</b>
Business Concentration	
Computer Studies Concentration	
Legal Assistant Studies Specialty (24 credit hours)	
Legal Studies Minor	
Psychology Concentration	
Speech-Language Pathology Specialty	
Substance Abuse Studies Specialty	
Gender Studies Minor	
<b>OPEN ELECTIVES</b>	<b>39</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### 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.

### LEARNING OUTCOMES

A successful Legal Assistant Studies graduate is expected to:

1. Explain the basic theories, doctrines, concepts, and associated principles that comprise the knowledge base of law, with specific emphasis on torts, contracts, wills and trusts, civil procedure, litigation and evidence, family law, business organizations, real estate, and criminal law.
2. Use critical thinking skills to analyze and evaluate relevant facts and supporting material.
3. Use communication and interpersonal skills to effectively interact with clients, attorneys, judges, court personnel, and co-workers.
4. Categorize, organize, prioritize, and evaluate complex factual and legal issues.
5. Use legal research skills to research and find statutes, cases, and other primary source material, and 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 Public Communications	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
TECH 1110 Computer Literacy	3
HUMN Electives	6
BIOL/PHYS Electives	6
PSYC 3110 Interpersonal Communication	3
<i>Liberal Arts Electives</i>	
COMM/ECON/GEOG/HIST/HUMN/LANG/ LGST/BIOL/MATH/PHYS/POLS/PSYC/SOCL	3

### PROGRAM REQUIREMENTS 12

PHIL 1300 Critical Thinking	3
PHIL 3210 Ethics	3
PHIL 3660 Philosophy of Law	3
LEGS 2210 Computer Applications for the Legal Prof.	3

### MAJOR REQUIREMENTS 48

LEGS 1150 Introduction to Law and the Legal Profession	3
LEGS 2400 Business Relations and Organizations	3
LEGS 3050 Civil and Criminal Responsibility	3
LEGS 3100 Legal Research and Writing I	3

LEGS 3260 Real Estate Practice I	3
LEGS 3300 Litigation and Procedure I	3
LEGS 3360 Wills, Trusts, and Estates I	3
LEGS 3550 Family Law	3
LEGS 4060 Debtor and Creditor Relations	3
LEGS 4110 Legal Research and Writing II	3
LEGS 4270 Real Estate Practice II	3
LEGS 4310 Litigation and Procedure II	3
LEGS 4370 Wills, Trusts, and Estates II	3
LEGS 4410 Corporate Regulation and Change	3
LEGS 4510 Special Topics	3
LEGS 4560 Elder Law	3
<b>OPEN ELECTIVES</b>	<b>24</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

### PSYCHOLOGY MAJOR

The **Psychology** major provides students with a solid grounding in the knowledge base of psychology, 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
  - a. personality
  - b. human development
  - c. learning
  - d. cognition
  - e. group process and social influence
  - f. biological influences on human functioning
  - g. 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 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**

**General Education Requirements 42**

LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010 Public Communications	3
TECH 1110 Technology in the Information Age	3
PSYC 1020 Introduction to Psychology	3
BIOL/PHYS Elective	6
MATH 3020 Applied Statistics	3
ARTS/HUMN/LITR/PHIL Electives	6
SOCL Electives	6
<i>Liberal Arts Electives</i>	
(COMM/ECON/GEOG/HIST/HUMN/LANG/ BIOL/MATH/PHYS/POLS/PSYC/SOCL)	6

**MAJOR REQUIREMENTS 12**

PSYC 3000 Research Methods	3
PSYC 3110 Interpersonal Communication	3
PSYC 4800 Research Practicum	
<b>OR</b>	
PSYC 4810 Community Practicum	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 the Addictions	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	
PSYC 4830 Practicum in Substance Abuse Treatment	3
<b>OPEN ELECTIVES</b>	<b>42</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

**MINORS IN BEHAVIORAL SCIENCES**

**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 extra 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 3-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 minor courses are offered only in the evening.*

### **SPECIALTIES IN BEHAVIORAL SCIENCES**

The Department of Behavioral Sciences also supervises the **Legal Assistant Studies Speciality** and **Substance Abuse Studies Speciality**. The courses in each minor program may be taken in conjunction with a student's baccalaureate studies, or they may be taken by individuals who simply wish to take courses in one of these fields.

#### **Substance Abuse Studies Speciality**

This speciality 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 speciality 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 speciality 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 Strat. in Substance Abuse Treatment  
PSYC 3630 Ethical and Professional  
Development in Substance Abuse  
PSYC 4100 Individual Counseling  
PSYC 4150 Group Counseling

*Students should be aware that minor courses are offered only in the evening.*

Nova Southeastern University (NSU) is listed as a single-source provider by the Certification Board for Addictions Professionals in Florida (CBAPF).

The CBAPF has three speciality areas for certification: Certified Addictions Professional (TECH), Criminal Justice Addiction Professional (CJAP), and Certified Addiction Prevention Professional (TECHP).

The Substance Abuse Studies speciality at NSU is designed so that interested applicants will be able to pursue certification without interrupting their present careers. Courses may be taken for college or continuing education credit.

NSU is also an approved continuing education provider for the Board of Nursing and for the Department of Professional Regulation of Mental Health Counselors, Marriage and Family Therapists, and Social Workers, among others.

#### **Legal Assistant Studies Speciality**

The Legal Assistant Studies speciality is offered for students pursuing their bachelor's degree and for students who already have their bachelor's degree.

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

The eight Legal Assistant Studies speciality courses are:

LEGS 1150 Introduction to Law and the Legal Profession  
LEGS 2400 Business Relations and Organizations  
LEGS 3050 Civil and Criminal Responsibility  
LEGS 3100 Legal Research and Writing  
LEGS 3260 Real Estate Practice  
LEGS 3300 Litigation and Procedure I  
LEGS 3360 Wills, Trusts, and Estates I  
LEGS 3550 Family Law

*Students should be aware that minor courses are offered only in the evening.*

## **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 Business and Administrative Studies graduate is expected to:

1. Think critically, in terms of conceptualizing issues, analyzing data, and articulating and defending conclusions.
2. Demonstrate professional verbal and written communication skills in an organizational context.
3. Demonstrate an ability to formulate organizational strategies.
4. Recognize the value of and demonstrate an ability to make ethical and socially responsible decisions.
5. Demonstrate an understanding of the impact of emerging technologies and use them appropriately to gather, process, and present information.

6. Demonstrate an understanding of the legal and regulatory issues in an organizational context.

7. Use quantitative skills effectively to solve applied business problems.

8. Use interpersonal skills effectively at the individual, group, and organizational levels.

9. Demonstrate an understanding of the interaction between business and the global economy.

10. Demonstrate an understanding of increasingly diverse organizational, national, and international cultures.

### ETHICS ACROSS THE CURRICULUM POLICY

The **Business and Administrative Studies** faculty believe 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. We believe that by incorporating the study of ethics throughout the curriculum, students will find their studies more relevant and that this focus on ethics will help them 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 examinations. 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>45</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010 Public Communications	3
MATH 1030 Intermediate Algebra	3
TECH 1110 Technology in the Information Age	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/PHYS Electives	6
PSYC Elective	3
ECON 2010 Principles of Macroeconomics	3

ECON 2020 Principles of Microeconomics	3
MATH 3020 Applied Statistics	3
<i>Liberal Arts Electives</i>	
COMM/ECON/GEOG/HIST/HUMN/ LANG/BIOL/MATH/PHYS/POLS/PSYC/SOCL	6

### MAJOR REQUIREMENTS 57

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 Acct 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
ELECTIVE IN BUSINESS ( <i>Electives in business are limited to courses with ACCT, BUSS, ECON, FINC, HMG, MGMT, MRKT, or SPWS prefix.</i> )	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 careers as practitioners and who need a general degree to prepare for a wide range of career opportunities. It is also appropriate for students transferring large blocks of credit from other disciplines.

### ADMINISTRATIVE STUDIES REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>45</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010 Public Communications	3
MATH 1030 Intermediate Algebra	3
TECH 1110 Technology in the Information Age	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/PHYS Electives	6
PSYC Elective	3
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
MATH 3020 Applied Statistics	3
<i>Liberal Arts Electives</i>	
COMM/ECON/GEOG/HIST/HUMN/ LANG/BIOL/MATH/PHYS/POLS/PSYC/SOCL	6

### 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
<b>OPEN ELECTIVES</b>	<b>42</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

## BUSINESS ADMINISTRATION MAJOR

The **Business Administration** major and related minors are offered for students who are already practitioners in the field and who need a specialized bachelor's degree and/or minor for advancement or possible career shift in business administration. 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

<b>General Education Requirements</b>	<b>45</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010 Public Communications	3
MATH 1030 Intermediate Algebra	3
TECH 1110 Technology in the Information Age	3
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/PHYS Electives	6
PSYC Elective	3
ECON 2010 Principles of Macroeconomics	3
ECON 2020 Principles of Microeconomics	3
MATH 3020 Applied Statistics	3
<i>Liberal Arts Electives</i>	
COMM/ECON/GEOG/HIST/HUMN/ LANG/BIOL/MATH/PHYS/POLS/PSYC/SOCL	6

<b>MAJOR REQUIREMENTS</b>	<b>42</b>
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 Application	3
TECH 2130 Business Applications of Microcomputers	3

<b>MINOR REQUIREMENTS</b>	<b>15</b>
<i>(See "Specialties in Business Administration" below.)</i>	
<b>OPEN ELECTIVES</b>	<b>18</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

## MINORS IN BUSINESS ADMINISTRATION

### Banking and Finance Minor

This minor is designed for students currently employed by banks, savings and loan associations, brokerage houses, credit unions, or finance companies or those who would like to pursue a career with financial institutions. Course work does not duplicate an associate degree in this area and most, if not all, associate-level credits are transferable to this program. Students can complete this specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the specialty without seeking a degree.

The following courses are required for this specialty (prerequisites: ACCT 2100, ECON 2010, ECON 2020, FINC 3010):

ECON 3210 Monetary Theory and Policy
ECON 4210 Business Cycles and Forecasting
<b>OR</b>
FINC 3110 Financial Management
FINC 3150 Banking and Financial Institutions
FINC 4110 Principles of Investment
FINC 4550 International Finance and Banking

### Computer Applications Minor

This minor is designed for students employed in or interested in working in different business data processing areas and who would like to augment a business major with a concentration in the rapidly expanding field of computer technology. This specialty focuses on the management of information systems and business applications of computers. Students can complete this specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the specialty without seeking a degree.

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 employed in the fields of personnel, training and development, labor relations, or related areas or those who would like to pursue a career in human resource management. Course work does not duplicate an associate degree in this field and most, if not all, associate-level credits are transferable to this program. Students can complete this

minor in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the minor without seeking a degree.

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 is designed in recognition of the fact that South Florida is a major international trade area. Students employed by multinational companies, exporters, importers, freight forwarders, customs brokers, transportation firms, wholesalers, or manufacturers or those who would like to pursue a career in international business should choose this minor. Course work does not duplicate an associate degree in this field and most, if not all, associate-level credits are transferable to this program. Students can complete this minor in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the specialty without seeking a degree.

The following courses are required for this minor (prerequisites: ACCT 2100, ECON 2010, ECON 2020, FINC 3010, MGMT 2050, 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 courses prescribed address issues of growing importance in today's business environment. Course work does not duplicate an associate's degree in this field and most, if not all, associate-level credits are transferable to this program. Students can complete this minor in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the minor without seeking a degree.

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. Course work does not duplicate an associate degree in this field and most, if not all, associate-level credits are transferable to this program. Students can complete this minor in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the minor without seeking a degree.

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 not pursuing a business major. This option provides the non-business major an opportunity to take 18 credits in generic management courses which will serve them in a variety of fields.

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 skills in management of all areas in the hospitality field, including administration, marketing, human resources, food and beverage, front office, housekeeping, and accounting operations. Students include those already employed in the field who want to move into management as well as those who want to prepare for entry into the field of hospitality management. Eligible off-campus students

are enrolled in a two-year cluster program, while on-campus students enter a four-year curriculum. Either program will prepare the student for a wide range of career opportunities as well as for graduate school.

The Hospitality Management major is offered in two formats: a four-year format for on-campus students and a two-year, upper-level completion program for off-campus students. The requirements of each are described below. Some information on available minors follows.

### Hospitality Management Required Distributions

#### *Two-Year Cluster Curriculum*

The curriculum for the two-year bachelor of science degree in Hospitality Management provides only the upper-level courses. Students must have earned at least 30 credits to be eligible to enter this program. Courses are offered in a lockstep format with no electives. The two-year cluster curriculum is designed to be offered at off-campus locations.

### FRESHMAN AND SOPHOMORE REQUIREMENTS

*(earned outside the cluster program)*

Liberal Arts Electives	15
General Electives	45

### GENERAL EDUCATION REQUIREMENTS 21

ARTS 2300 Art and Society	3
<b>OR</b>	
HUMN 3510 The American Experience in Literature	3
LANG 2150 Argumentative Writing	3
LANG 3120 Pub. Comm. for the Professions	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
PSYC 3110 Interpersonal Communication	3
TECH 1110 Tech. in the Info Age	3

### MAJOR REQUIREMENTS 45

ACCT 2100 Managerial Accounting	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
ECON 2010 Principles of Macroeconomics	3
FINC 3010 Corporation Finance	3
HMG 3130 Hospitality Human Res. Dev.	3
HMG 3300 Food and Beverage Operations	3
HMG 3500 International Operations Management	3
HMG 3600 Hospitality, Tourism, Sports, and Ent. Law	3
HMG 3820 The Tourism System	3
MGMT 2050 Principles of Management	3
MGMT 4160 Personnel Administration	3
MGMT 4170 Organization Behavior	3
MGMT 4620 Management Applied Project	3
MRKT 3050 Marketing Principles and Application	3

### TOTAL DEGREE REQUIREMENTS 126

### Four-Year Curriculum

### GENERAL EDUCATION REQUIREMENTS 45

TECH 2010 Principles of Macroeconomics	3
HMG 4020 Ethics in Hospitality Management	3
<b>OR</b>	
BUSS 4100 Business Ethics	3
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010 Public Communications	3
MATH 1030 Intermediate Algebra	3
MATH 3020 Applied Statistics	3
HUMN	6
Liberal Arts Electives	6
Life Science/Physics	6
PSYC	3

### MAJOR REQUIREMENTS 42

ACCT 2100 Managerial Accounting	3
BUSS 4610 Business Research Methods	3
BUSS 4880 Business Strategy and Policy	3
FINC 3010 Corporation Finance	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, Sports and Ent. 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 Application	3

### MINOR REQUIREMENTS 18

*(See "Minors in Hospitality Management" below.)*

### 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 currently include: banking and finance, computer application, human resource management, international business, management, and marketing. 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

HMG 3310 Nutrition and Sanitation	3
HMG 3300 Food and Beverage Operations	3
HMG 3350 Volume Food Management	3
HMG 4310 Restaurant Management Seminar	3
HMG 4350 Food and Beverage Purchasing/Control	3
HMG 4370 Food Facilities Design	3

## Tourism Management Minor

HMG 3820 The Tourism System  
HMG 3830 Public Tourism and Cultural Events  
HMG 3860 The Cruise Attraction  
HMG 4840 Special Interests and Ecotourism  
HMG 4850 Theme Parks and Entertainment Attractions  
HMG 4860 Convention/Event Planning Management

## PROFESSIONAL MANAGEMENT MAJOR

The **Professional Management** major is an upper-level, 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 at least 30 college level credits or the equivalent are eligible to join the 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.

### PROFESSIONAL MANAGEMENT REQUIRED DISTRIBUTIONS

The curriculum for the bachelor of science degree in professional management provides only the upper-level courses. Students must have earned at least 30 credits to be eligible to enter the program.

### 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 3  
BIOL 1040 Environmental Studies 3  
HUMN 3510 The American Experience in Literature 3  
LANG 2150 Argumentative Writing 3  
LANG 3120 Public Communication for the Professions 3  
MATH 1030 Intermediate Algebra 3  
\*\*PSYC 3110 Interpersonal Communication 3

### MANAGEMENT CORE REQUIREMENTS 30

\*ACCT 2100 Managerial Accounting 3  
BUSS 4610 Business Research Methods 3  
BUSS 4880 Business Strategy and Policy 3  
ECON 3150 Macroeconomics for Managers 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\*\* 110 Technology in the Information Age 3  
*\*Not required in the Accounting Specialty and the Legal Assistant Specialty.  
ARTS 2300 OR HUMN 3510 required in Hospitality Management Specialty.  
\*\*Not required in the Criminal Justice Specialty and the Legal Assistant Specialty.*

## 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 a general management degree with 21 credits in practical accounting. The curriculum is designed for students currently employed in the accounting field or who are looking for entry-level jobs in accounting.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>18</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>ACCOUNTING CORE REQUIREMENTS</b>	<b>18</b>
ACCT 2200 Financial Accounting	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	

OR

ACCT 4210 Auditing	3
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

### Banking and Finance

The **Specialty in Banking and Finance** is designed for students currently 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.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>BANKING AND FINANCE CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>



## Business

The **Specialty in Business** is applicable to people who want a general business and management background and is the most popular BPM track.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>BUSINESS CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

## Computer Applications

The **Specialty in Computer Applications** is designed for students interested in business applications of computers. The curriculum focuses on the use of computers in decision making, information management, and office automation.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>COMPUTER APPLICATIONS CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

## 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.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>CRIMINAL JUSTICE CORE REQUIREMENTS</b>	<b>15</b>
BUSS 4620 Management Applied Project	3
CRJU 2200 Criminal Law	3

CRJU 3000 The Criminal Justice System	3
CRJU 3200 Correctional Theory and Practice	3
CRJU 4000 Criminal Procedure and Individual Rights	3
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

## Customer Service

The **Specialty in Customer Service** is designed for students working in a customer service capacity or for managers who work in a heavily customer service-oriented environment.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>CUSTOMER SERVICE CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

## 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.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>FIRE SCIENCE ADMINISTRATION CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

## Health Care Services

The **Specialty in Health Care Services** is designed for registered nurses and other health care professionals. The program will enable students to draw from their specialized backgrounds and to develop professionally and personally. All nurses who have passed the licensing examination for registered nurse (RN) will

receive a minimum of 45 credit hours for prior experience credit. Therapist and technician training will be assessed individually.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>HEALTH CARE SERVICES CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

### Hospitality Management

The **Specialty in Hospitality Management** prepares students for management positions in hospitality related fields. This program is designed for students currently working in the field who aspire to move into management.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>HOSPITALITY MANAGEMENT CORE REQUIREMENTS</b>	<b>15</b>
BUSS 4620 Management Applied Project	3
HMGMT 3130 Hospitality Human Resource Development	3
HMGMT 3500 International Operations Management	3
HMGMT 3600 Hospitality, Tourism, Sports, and Entertainment Law	3
HMGMT 3820 The Tourism System	3
HMGMT 3300 Food and Beverage Operations	3
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

### Legal Assistant Studies

The **Specialty in Legal Assistant Studies** provides the student with a management major and a professional specialty. *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.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>

<b>Management Core Requirements</b>	<b>27</b>
ACCT 2100 Managerial Accounting	3
BUSS 4880 Business Strategy and Policy	3
ECON 3150 Macroeconomics for Managers	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

<b>LEGAL ASSISTANT CORE REQUIREMENTS</b>	<b>24</b>
BUSS 3500 Business Relations and Organizations	3
BUSS 4200 Real Estate Practice	3
LEGS 2150 Introduction to Law and the Legal Profession	3
LEGS 3600 Civil and Criminal Responsibility	3
LEGS 4100 Legal Research and Writing	3
LEGS 4300 Litigation and Civil Procedure	3
LEGS 4350 Wills, Trusts, and Estates	3
LEGS 4500 Family Law	3
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

### Public Administration

The **Specialty in Public Administration** is designed for students working in government or social service agencies or those aspiring to begin careers in these organizations. The management major is supported by courses specifically dealing with management in the public sector.

<b>FRESHMAN AND SOPHOMORE REQUIREMENTS</b>	<b>60</b>
<b>General Education Requirements</b>	<b>21</b>
<b>Management Core Requirements</b>	<b>30</b>

<b>PUBLIC ADMINISTRATION CORE REQUIREMENTS</b>	<b>15</b>
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
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>126</b>

### 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,” and “Minors in Hospitality Management” 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

The successful Computer and Information Sciences graduate is expected to:

1. Demonstrate understanding of the field of computing, both as an academic discipline and as a profession within the context of society.
2. Demonstrate understanding of the body of theory which underlies the field of computing.
3. Demonstrate knowledge of the essential elements of computer science.
4. Apply knowledge of computing to specific problems and produce solutions.
5. Demonstrate an appreciation for the ethical and societal issues associated with the computing field.
6. Demonstrate the capability for staying current and, more generally, for achieving ongoing self-education in the computing discipline.
7. Use current programming languages, software development tools, software systems, and commonplace computing platforms.

### COMPUTER INFORMATION SYSTEMS MAJOR

**Computer Information Systems** prepares the student for a career in business applications as a programmer/analyst, systems analyst, or an 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.

### COMPUTER INFORMATION SYSTEMS REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>33</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/2020/2030	3
HUMN/LITR/ARTS/PHIL Electives	
ECON/GEOG/HIST/POLS/PSYC/SOCL/	6
HUMN/LITR/ARTS/PHIL Electives	9
PSYC Electives	3
BIOL/PHYS Electives	6

<b>PROGRAM REQUIREMENTS</b>	<b>6</b>
MATH 1250 Trigonometry	3
MATH 3020 Applied Statistics	3

<b>MAJOR REQUIREMENTS</b>	<b>68</b>
CSIS 1400 Discrete Mathematics	3
CSIS 1600 Logic Design	3
CSIS 1900 Intro to Computer Programming	4
CSIS 2200 Business-Oriented Language (COBOL)	4
CSIS 2410 Assemblers and Assembly Language Programming	4
CSIS 2600 C++ Programming Language	4
CSIS 3010 Organization of the Computer Environment	3
CSIS 3250 Networks and Data Communication	3
CSIS 3310 Advanced C++ and Object-Oriented Programming	4
CSIS 3400 Data Structures	4
CSIS 3750 Software Engineering	4
CSIS 4310 Distributed Data Processing	4
CSIS 4530 Database Management	3
ELECTIVES IN CSIS (3000-level or above)	12
OTHER ELECTIVES ( <i>limited to ACCT, BUSS, ECON, FINC, MGMT, MRKT.</i> )	9
OPEN ELECTIVES	15
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>122</b>

### COMPUTER SCIENCE MAJOR

**Computer Science** includes the systematic study of algorithms and data structures. The curriculum is consistent with Association for Computing Machinery recommendations for model curricula 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 co-requisites in mathematics, including discrete mathematics, differential and integral calculus, and probability and statistics.

<b>COMPUTER SCIENCE REQUIRED DISTRIBUTIONS</b>	
<b>General Education Requirements</b>	<b>27</b>
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3

LANG 2010/2020/2030	3
HUMN/LITR/ARTS/PHIL Electives	6
ECON/GEOG/HIST/POLS/PSYC/SOCL/ HUMN/LITR/ARTS/PHIL Electives	9
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

**MAJOR REQUIREMENTS**

CSIS 1400 Discrete Mathematics	3
CSIS 1600 Logic Design	3
CSIS 1900 Intro to Computer Programming	4
CSIS 2150 Computer Programming II	4
CSIS 2410 Assemblers and Assembly Language Programming	4
CSIS 2600 C++ Programming Language	4
CSIS 3110 Foundations of Computer Science	4
CSIS 3250 Networks and Data Communications	3
CSIS 3310 Object-Oriented Programming	4
CSIS 3400 Data Structures	4
CSIS 3530 Intro to Artificial Intelligence	3
CSIS 3750 Software Engineering	4
CSIS 3810 Operating Systems	3
CSIS 4050 Computer Architecture	3
CSIS 4600 Systems Programming	4
CSIS 4610 Design and Analysis of Algorithms	3
ELECTIVES IN CSIS (3000-level or above)	9

OPEN ELECTIVES	15
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>124</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**
- 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 present 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:

1. sensitive to students' academic, social and emotional needs,

- 2. knowledgeable about effective teaching practices and technologies,
- 3. responsive to the diverse needs of all students, (particularly those of at risk and special needs learners),
- 4. supportive of families and community involvement,
- 5. effective communicators, and
- 6. 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 State of Florida Department of Education for quality teacher education programs.

**MATRICULATION REQUIREMENTS FOR EDUCATION MAJORS**

1. The student must comply with the admissions and matriculation requirements established by the Farquhar Center for the College of Professional and Liberal Studies.

2. The student must earn a grade of C- or better in LANG 1500 and MATH 1030 or their equivalents.

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

4. The students will be assessed on a written essay entitled "Why I want to enter the teaching profession" and must meet the standards of proficiency described in the scoring rubric.

The essay will be marked on the basis of style and content. The rubric used to score this exam will be distributed to the student prior to writing the essay.

5. The student must earn a cumulative GPA of 2.5 in the first twelve 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 twelve credits.

Students may matriculate into the major after attempting twelve credits but must do so before accumulating 24 credits or be subject to departmental review. All appeals

will be heard by the Director of the Department of Education.

While attempting their first twelve credits at NSU, students will be designated as pre-education candidates. Upon meeting the conditions of matriculation into the Department of Education, students will become education majors and will be notified by letter.

### **BACKGROUND CHECK FOR CLINICAL FIELD EXPERIENCES**

Many education courses include field experiences as a major component. Prior to participation in these field experiences in the public school systems, students may be required to undergo fingerprinting and a background check. The procedures can vary from county to county. Students at site locations may obtain information from the local county school district.

Broward County Public Schools has an established policy both for fingerprinting and a security clearance. *Fingerprinting and the security clearance application must be completed before a student can enter a classroom in Broward County Public Schools.*

Students must register for non-credit Clinical Field Experience (according to major) with their academic advisor each semester.

- EDUC 0100 Early Childhood Education
- EDUC 0200 Elementary Education
- EDUC 0300 Exceptional Education
- EDUC 0400 Secondary Education

### **INTERNSHIP**

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

Education Internship Program EDUC 4520 (Student Teaching and Seminar) is offered each academic year in the fall and winter terms.

### **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 each intern candidate a letter indicating his or her 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 makes a final list of student interns for that semester.

Students are eligible for the Internship if they have earned 108 of the required 120 credits, including the required methods courses; 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 State 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, elementary education, exceptional education, biological science, English, mathematics, or social studies.

### 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 and the State of Florida's requirements for initial certification. The student's transcript will be annotated as having met the Program Approval process. Issuance of the certificate is reasonably assured and facilitated by the Florida Department of Education. *Actual teacher certification is awarded by the Florida Department of Education.*

The Transcript Review Process means that a student has followed a course/program sequence established by Nova Southeastern University and consistent with 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 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.*

*The State Department of Education (DOE) reserves the right to change requirements leading to certification at anytime.*

### EARLY CHILDHOOD EDUCATION MAJOR

The **Early Childhood Education** major combines theoretical components with practical applications. Students in this degree program will have extensive field experiences in the community and in local schools (preK 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 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.

### EARLY CHILDHOOD EDUCATION 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 I	3
MATH 3020	Applied Statistics	3
HUMN/LITR/ARTS/PHIL		6
BIOL/PHYS		6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL ELECTIVES		
<i>(Six hours must be in GEOG/HIST/SOCL.)</i>		9

### PROGRAM REQUIREMENTS 15

Human Adj./Social Science/		
Humanities/Applied Arts		3
TECH 1110	Computer Literacy	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>For 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 and the Creative Arts	3
EDUC 4520	Internship	12

**MINOR SPECIALTY/ELECTIVES 18**

*Additional coursework 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 field experiences. Through the field 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 and to be able 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 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 I	3
MATH 3020	Applied Statistics	3
HUMN/LITR/ARTS/PHIL		6
BIOL/PHYS		6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL ELECTIVES		9

*(six hours must be in GEOG/HIST/SOCL)*

**PROGRAM REQUIREMENTS 15**

Human Adj./Social Science/		
Humanities/Applied Arts		3
TECH 1110	Computer Literacy	3
PSYC 1020	Introduction to Psychology	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 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 1000, 2000, 3000, and 4000 (see chart on page 80).

**EXCEPTIONAL EDUCATION MAJOR**

The **Exceptional Education** major is divided into four specialties:

- Varying Exceptionalities, K-12 (VE)**
- Learning Disabilities, K-12 (LD)**
- Mental Handicaps, K-12 (MH)**
- Emotional Handicaps, K-12 (EH)**

The specialty in Varying Exceptionalities (VE) 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. Specialties in the areas of LD, MH and EH are available to prepare students for certification in LD, MH, or EH. The VE specialty is offered at all sites off-campus. Specialties in the area of learning disabilities, mentally handicapped and emotionally handicapped are offered on the main campus only.

**EXCEPTIONAL EDUCATION 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 I	3
MATH 3020	Applied Statistics	3
HUMN/LITR/ARTS/PHIL		6
BIOL/PHYS		6
ECON/GEOG/HIST/PHYS/POLS/PSYC/SOCL ELECTIVES		9

*(Six hours must be in GEOG/HIST/SOCL.)*

## PROGRAM BENCHMARKS AND MAJOR REQUIREMENTS FOR ELEMENTARY EDUCATION

12 credits/16 wks Block #1	Benchmark #1 CLAST or PPST; Recency Tests or Placement Tests; Preprogram Questionnaire/ Self-Assessment; Portfolio Assessment with Mentor; Background Check for Field Experiences (Students register concurrently for Benchmark #1 and Block #1 courses)			
1st 8-week term	Sociological Foundations of Education EDUC 3420	3 cr/ 8 wks	Science Curriculum for Education Majors ELEM 3020	3 cr/ 8 wks
2nd 8-week term	Psychological Foundations of Teaching EDUC 3360	3cr/ 8 wks	Mathematics Curriculum for Education Majors ELEM 3060	3cr/ 8 wks
12 cr/16 wks Block #2	Benchmark #2 20 ACT, 840 SAT or 950 SATR; and Portfolio Assessment with Mentor (Students register concurrently for Benchmark #2 and Block #2 courses)			
1st 8-week term	Principles and Practices of Instruction and Assessment: I EDUC 4470	3 cr/ 8 wks	Methods of Teaching Mathematics in the Elementary School ELEM 3160	3 cr/ 8 wks
2nd 8-week term	Principles and Practices of Instruction and Assessment: II EDUC 4490	3 cr/ 8 wks	Methods of Teaching Language Arts through Children's Literature in the Elementary School ELEM 3180	3 cr/ 8 wks
<b>Students must complete Benchmark #1 before registering for Block #3 and Benchmark #3</b>				
12 cr/16 wks Block #3	Benchmark #3 Portfolio Assessment with Mentor (Students register concurrently for Benchmark #3 and Block #3 courses)			
1st 8-week term	Methods of Teaching Literacy in the Elementary School ELEM 3310 (2, 3, 5)	3 cr/ 8 wks	Methods of Teaching Science in the Elementary School ELEM 3120 (1, 3, 5, 9)	3 cr/ 8 wks
2nd 8-week term	Methods of Reading Assessment ELEM 3320 (2, 8)	3 cr/ 8 wks	Methods of Teaching Social Studies in the Elementary School ELEM 3110 (1, 2, 3, 5, 7, 9, 10)	3 cr/ 8 wks
<b>Students must complete Benchmark #2 before registering for Block #4</b>				
12 cr/16 wks Block #4	Benchmark #4 PRAXIS Test or FTCE; Postprogram Questionnaire/Self-Assessment; and Final Portfolio Assessment with Mentor (Students register concurrently for Benchmark #4 and Block #4 courses)			
1st 8-week term	Classroom Management for Typical and Atypical Learners in the Multicultural Classroom EDUC 4480	3 cr/ 8 wks	Survey of Exceptional Education ESED 4350	3 cr/ 8-wks
2nd 8-week term	Integrating Instructional Technology Across the Curriculum EDUC 3510	3 cr/ 8 wks	Methods of Teaching Music, Art and Physical Activity in an Integrated Curriculum ELEM 3640	3 cr/ 8 wks
<b>Students must complete Benchmark #3 before registering for Block #5</b>				
12 cr/16 wks Block #5	Teaching Internship and Seminar			
<b>Students must complete Benchmark #4 before graduating.</b>				
Total Credits: 60	80 weeks=5 semesters or 10 quarters)			



**PROGRAM REQUIREMENTS 15**

- Human Adj./Social Science/ Humanities/Applied Arts 3
- TECH 1110 Computer Literacy 3
- PSYC 1020 Introduction to Psychology 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.*

**EXCEPTIONAL EDUCATION/  
VARYING EXCEPTIONALITIES, K-12**

**General Education and Program Requirements 51**

**MAJOR REQUIREMENTS 63**

- EDUC 3360 Psychological Foundations of Teaching 3
- EDUC 3420 Sociological Foundations of Education 3
- EDUC 3510 Integrating Instructional Technology in the Class. 3
- EDUC 4470 Principles and Practices I 3
- ELEM 3160 Meth. of Teaching Math in Elementary 3
- ELEM 3180 Meth. of Teaching Language Arts in Elementary 3
- ELEM 3310 Meth. of Teaching Literacy in Elementary 3
- ELEM 3320 Meth. of Reading Assessment I 3
- ESED 4350 Survey of Exceptional Education 3
- ESED 4380 Educational Assessment of Exceptional Children 3
- ESED 4400 Intro to Language Dev and Speech Disabilities 3
- ESED 4530 Vocational/Functional Life Skills 3
- ESED 4580 Classroom Management of the Exceptional Student 3
- ESED 4360 Teaching Mildly Handicapped Students 3
- ESED 4080 Classroom Procedures for Mentally Handicapped 3
- ESED 4440 Methods and Materials of Tchg. SLD Learners 3
- ESED 4290 Educational Programming for the Emotion. Handicap. 3
- EDUC 4520 Internship 12

**OPEN ELECTIVES 6**

**TOTAL DEGREE REQUIREMENTS 120**

**EXCEPTIONAL EDUCATION/  
LEARNING DISABILITIES, K-12**

**General Education and Program Requirements 51**

**MAJOR REQUIREMENTS 60**

- EDUC 3360 Psychological Foundations of Teaching 3
- EDUC 3420 Sociological Foundations of Education 3
- EDUC 3510 Integrating Instructional Technology in Classroom 3
- EDUC 4470 Principles and Practices I 3
- ELEM 3160 Meth. of Teaching Math in Elementary School 3
- ELEM 3180 Meth. of Teaching Language Arts in Elementary 3
- ELEM 3310 Meth. of Teaching Literacy in Elementary 3
- ELEM 3320 Meth. of Reading Assessment I 3
- ESED 4390 Curriculum for Learning Disabilities 3
- ESED 4440 Methods and Materials for Tchg. SLD Learners 3
- ESED 4330 Foundations of Learning Disabilities 3
- ESED 4350 Survey of Exceptional Education 3
- ESED 4380 Educational Assessment of Exceptional Children 3
- ESED 4400 Intro to Language Dev and Speech Disabilities 3
- ESED 4530 Vocational/Functional Life Skills 3
- ESED 4580 Classroom Management of the Exceptional Student 3
- EDUC 4520 Internship 12

**OPEN ELECTIVES 9**

**TOTAL DEGREE REQUIREMENTS 120**

**EXCEPTIONAL  
EDUCATION/MENTAL HANDICAPS, K-12**

**General Education and Program Requirements 51**

**MAJOR REQUIREMENTS 60**

- EDUC 3360 Psychological Foundations of Teaching 3
- EDUC 3420 Sociological Foundations of Education 3
- EDUC 3510 Integrating Instructional Technology in the Class 3
- EDUC 4470 Principles and Practices I 3
- ELEM 3160 Meth. of Teaching Math in Elementary School 3
- ELEM 3180 Meth. of Teaching Language Arts in Elementary 3
- ELEM 3310 Meth. of Teaching Literacy in Elementary 3
- ELEM 3320 Meth. of Reading Assessment I 3
- ESED 4060 Foundations of Mental Handicaps 3
- ESED 4070 Curriculum for Mentally Handicapped 3
- ESED 4080 Classroom Procedures for Mentally Handicapped 3
- ESED 4350 Survey of Exceptional Education 3
- ESED 4380 Educational Assessment of Exceptional Children 3
- ESED 4400 Intro to Language Dev. and Speech Disabilities 3
- ESED 4530 Vocational/Functional Life Skills 3
- ESED 4580 Classroom Management of the Exceptional Student 3
- EDUC 4520 Internship 12

**OPEN ELECTIVES 9**

**TOTAL DEGREE REQUIREMENTS 120**

**EXCEPTIONAL  
EDUCATION/EMOTIONAL HANDICAPS, K-12**

**General Education Requirements 51**

**MAJOR REQUIREMENTS 60**

- EDUC 3360 Psychological Foundations of Teaching 3
- EDUC 3420 Sociological Foundations of Education 3
- EDUC 3510 Integrating Instructional Technology in the Class 3
- EDUC 4470 Principles and Practices I 3
- ELEM 3160 Meth. of Teaching Math in Elementary School 3
- ELEM 3310 Meth. of Teaching Literacy in Elementary School 3
- ELEM 3320 Meth. of Reading Assessment I 3
- ESED 4200 Foundations of Emotional Handicaps 3
- ESED 4290 Educ. Programming for Emotionally Handicapped 3
- ESED 4300 Classroom Mgmt of the Emotionally Handicapped 3
- ESED 4320 Precision Teaching 3
- ESED 4350 Survey of Exceptional Education 3
- ESED 4380 Educational Assessment of Exceptional Children 3
- ESED 4400 Intro to Language Dev. and Speech Disabilities 3
- ESED 4530 Vocational/Functional Life Skills 3
- ESED 4580 Classroom Management of the Exceptional Student 3
- EDUC 4520 Internship 12

**OPEN ELECTIVES 9**

**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 1998-1999 academic year.)*

The Secondary Education major, with specialties in biological sciences, English, mathematics, or social studies, is a program designed to prepare students to

teach their specialty field in middle and/or high schools to meet requirements for certification in Florida as well as to become eligible for certification in other states.

## SECONDARY EDUCATION 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/PHYS	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 Computer Literacy	3
PSYC 1020 Introduction to Psychology	3
PSYC 2380 Child and Adolescent Development	3
EDUC 1100 Exploration of the Education Profession	3

### Specialties:

#### SOCIAL SCIENCES

EDUC 4360 Methods of Teaching Reading in Middle/Secondary School	3
*Specialty courses according to certification requirements	30
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>123</b>

#### MATHEMATICS

*Specialty courses according to certification requirements	27
<b>OPEN ELECTIVES</b>	<b>3</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

#### ENGLISH

EDUC 4360 Methods of Teaching Reading in Middle/Secondary School	3
*Specialty courses according to certification requirements	27
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

#### BIOLOGY

*Specialty courses according to certification requirements	33-36
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>123-126</b>

*\*Contact student advising for specific requirements.*

*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.

Students pursuing this minor will take six other credits of science in the General Education Science and Technology menu. TECH 1110 will be taken as part of the minor.

TECH 1110 Technology in the Information Age
EDUC 3510 Integrating Instructional Technology in the Classroom
TECH 2150 Using the Internet
TECH 3520 Emerging Technology in Education
TECH 3530 Multimedia Authoring Systems for Educators
TECH 4510 Utilizing Technology to Develop Curriculum

### English for Speakers of Other Languages (E.S.O.L.) K-12 Add-on Endorsement

The state-approved courses leading to E.S.O.L. 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 E.S.O.L. 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 state teacher certification, and educators who are certified in other areas.

For endorsement, program participants must satisfactorily complete five (5) state-prescribed courses, totaling 15 semester hours.

Registration for these courses should follow the sequence below:

- \*ESOL 4901 Methods of Teaching English to Speakers of Other Languages
- \*ESOL 4902 E.S.O.L. Curriculum and Materials
- \*ESOL 4903 Cross-Cultural Studies
- \*ESOL 4904 Linguistics for E.S.O.L. Educators
- \*ESOL 4905 Testing and Evaluation in E.S.O.L.

*\*The course prefix for the E.S.O.L. is cross-referenced TPEP.*

## LIBERAL ARTS

The bachelor of science degree is offered through the Liberal Arts Department 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, Legal and Political Studies.

### LEARNING OUTCOMES

The successful General Studies graduate is expected to:

1. Communicate effectively:
  - a. write well
  - b. speak well
  - c. demonstrate an understanding of the social significance of communication
2. Be numerate:
  - a. demonstrate quantitative thinking
  - b. demonstrate comparative/relational thinking
  - c. solve algebraic problems
3. 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
4. Comprehend basic concepts of psychology

### GENERAL STUDIES

#### REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>	<b>36</b>
ARTS/HUMN/LITR/PHIL Electives	6
BIOL/PHYS Electives	6
LANG 1500 College Writing I	3
LANG 2000 College Writing II	3
LANG 2010/Public Communications/ 2020/Theories of Argument and 2030 Debate/Dramatic Interpretation	3
MATH 1030 Intermediate Algebra I	3
MATH 1330 Mathematical Way of Thinking	3
PSYC Elective	3
TECH 1110 Technology in the Information Age	3
COMM/ECON/GEOG/HIST/HUMN/LANG/BIOL/MATH/ PHYS/POLS/PSYC/SOCL Electives	3

#### PROGRAM REQUIREMENTS

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 <i>(when offered as Science and the Law)</i>	3
PSYC 3160: Social Psychology	3
SOCL 2020: Introduction to Sociology	3
SOCL 2130: Family Relationships	3
SOCL 2510: Social Problems	3
SOCL 3110: Women and Society: Cross-Cultural Persp.	3
SOCL 3240: Women in the Workforce	3
WMST 2050: Feminist Thought: Introduction to Women's 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 <i>(when offered as Latin American Fiction)</i>	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
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
SOCL 4030: Images of Women in Popular Culture	3

#### Area IV: Legal and Political Studies

HIST 3010: Constitutional History I	3
HIST 3020: Constitutional History II	3
LGST 0010: 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:

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 Assistant Specialty Certificate

Students wishing to pursue both a Legal Studies major and a Legal Assistant Specialty Certificate 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 specialty.

## LEGAL STUDIES REQUIRED DISTRIBUTIONS

<b>General Education Requirements</b>		<b>36</b>
ARTS/HUMN/LITR/PHIL Electives		6
BIOL/PHYS Electives		6
LANG 1500 College Writing I		3
LANG 2000 College Writing II		3
LANG 2010/Public Communications/Theories of Argument		
LANG 2020/ and Debate/Dramatic Interpretation		
2030		3
MATH 1030 Intermediate Algebra I		3
MATH 3020 Applied Statistics		3
PSYC Elective		3
TECH 1110 Technology in the Information Age		3
COMM/ECON/GEOG/HIST/HUMN/LANG/BIOL/MATH/PHYS/POLS/PSYC/SOCL Electives		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	
<b>OR</b>	
PHIL 3340 History of Political Thought II	3
PHIL 3660 Philosophy of Law	3

*\*Indicates new course title (compared to '95-96 catalog)*

<b>OPEN ELECTIVES</b>	<b>33</b>
<b>TOTAL DEGREE REQUIREMENTS</b>	<b>120</b>

## 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 (6) of the courses offered: two (2) from the Basic Menu and four (4) others from a selected Minor Sequence for a total of eighteen (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 4900 Special Topics in Communications, with permission of department chair	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
SOCL 4030 Images of Women in Popular Culture	3

## Broadcasting Sequence

### Required:

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

### Select two courses:

ARTS 2400 The Theatre Arts	3
ARTS 2500 Music Through History	3
COMM 4900 Special Topics in Communications, with permission of department chair	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
MRKT 3210 Advertising and Sales	3

**TOTAL 18**

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 plan careers in business, government, medical and psychological services, the legal profession, or education. The courses in this minor allow students to expand their concept of social and ecological responsibility 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 3-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	3
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 Women and Society: Cross Cultural Perspectives	3
SOCL 3240 Women in the Workforce	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

This 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.

HIST 3010 Constitutional History I	3
HIST 3020 Constitutional History II	3
OR	
PHIL 3330 History of Political Thought I	3

PHIL 3340 History of Political Thought II	3
LGST 2010 Law in Action	3
LGST 2100 The Legal Profession	3
<b>OR</b>	
LGST 2400 Comparative Legal Systems	3
PHIL 3660 Philosophy of Law	3
ANY 400-Level LGST Course	3
<b>TOTAL</b>	<b>18</b>

*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, 3-credit courses from the Hemispheric and Global Diversity Menu, and three 3-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 3 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

Select two courses:

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

Select three courses:

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	3
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 Women and Society: Cross Cultural Perspectives	3
SOCL 3240 Women in the Workforce	3

**TOTAL**

**18**

*\* Students who take LACS 4850: Preparation for Field Studies, and LACS 4860: Field Study in Latin America (LACS 4860 requires LACS 4850 as prerequisite) should select **one** course from the **Hemispheric and Global Diversity** menu and **two** courses from the **Latin American and Caribbean Studies** 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 these courses. Students should consult the current undergraduate 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 3-credit course from each of the four humanities areas: Arts, History, Literature, 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	Theatre 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

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.*

## LITERATURE

LITR 2010	British Literature
LITR 2020	American Literature
LITR 2030	World Literature
LITR 3010	Studies in British Lit.
LITR 3020	Studies in Am. Lit.
LITR 3030	Studies in World Lit.
LITR 3040	Women and Lit.
LITR 3050	Area Studies in Lit.
LITR 3610	Literary Genres
LITR 4060	Feminist Criticism/Theory

## 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 3660	Philosophy of Law
PHIL 4900	Special Topics in Philosophy

## HUMANITIES

LITR 4700	Major Authors	HUMN 4900	Special Topics in the Humanities
LITR 4900	Special Topics in Lit.		

## 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





Course numbers in parentheses indicate that the course was previously offered with a different prefix or course number. Course names in parentheses indicate that the course was previously offered under a different name (see ACCT 2050, ACCT 2070). **Courses marked with an asterisk fulfill the Gordon Rule.**



#### ACCOUNTING (ACCT)

**ACCT 2050 Principles of Accounting I/3 sem. hrs.** (formerly called Introduction to Financial Accounting; ACCT 101, 203, 205, 209) Conceptual framework of accounting, including the entity concept, materiality, unit of measure, continuity, and periodicity. Basic double-entry bookkeeping including journalizing of transactions, posting, preparing a trial balance, adjusting, closing, and basic financial statement presentation. **Prerequisite:** TECH 1110.

**ACCT 2070 Principles of Accounting II/3 sem. hrs.** (formerly called Introduction to Managerial Accounting; ACCT 207) A continuation of ACCT 205. Includes corporate structure, stockholders, equity, long-term liabilities, department and branch accounting, costing methods, cost-volume-profit analysis, and financial statement analysis. **Prerequisite:** ACCT 2050.

**ACCT 2100 Managerial Accounting/3 sem. hrs.** This introductory course integrates the accounting process with the planning, coordinating, and control functions of the business organization. Topics included are strategic planning, tactical and operational decision making, budgeting, responsibility accounting, and performance measurement. (Cannot be taken by students having credit for ACCT 2070) **Prerequisite:** MGMT 2050, TECH 1110.

**ACCT 2200 Financial Accounting I/3 sem. hrs.** In this course, the student is introduced to financial accounting and its decision making elements. Areas covered are the conceptual framework of accounting, financial statements and their components, and financial statement analysis. **Prerequisite:** ACCT 2100.

**ACCT 3030 Product and Service Costing/3 sem. hrs.** (Formerly called Managerial Cost Accounting) Students learn cost measurement techniques in the manufacturing and service sectors. Using a strategic approach, the design and operation of cost accounting systems in both traditional and advanced manufacturing environments are also studied. **Prerequisite:** ACCT 2200.

## COURSE DESCRIPTIONS

**ACCT 3050 Financial Accounting II/3 sem. hrs.** A continuation and expansion 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. Covered are the conceptual foundations of Equity, earning per share, the income statement, leases, and deferred taxes. **Prerequisite:** ACCT 3050.

**ACCT 3080 Cooperative Education (no credit)** Work placement for a period of 16 to 18 weeks. The placement will be directly related to the student's program of study.

**ACCT 3110 Federal Taxation I/3 sem. hrs.** 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 2050.

**ACCT 3120 Federal Taxation II/3 sem. hrs.** An overview of the Internal Revenue Code as it applies to partnerships, corporations, estates, and trusts. **Prerequisite:** ACCT 3110.

**ACCT 4010 Financial Accounting IV/3 sem. hrs.** A continuation of the study of Financial Accounting. Covered are pensions, correction of accounting errors, cash flow statements, fundamental consolidation concepts, international currency accounting, and fund accounting for governments and non-profit organizations. **Prerequisite:** ACCT 3050.

**ACCT 4050 Accounting Information Systems/3 sem. hrs.** Design and operation of accounting information systems as affected by information theory, computers and behavioral concepts. Internal control in the design and analysis of systems. **Prerequisites:** TECH 2130, ACCT 3060.

**ACCT 4210 Auditing/3 sem. hrs.** An overview of basic auditing concepts, auditing standards and audit programs. Special emphasis on preparing the student for the auditing section of the CPA examination. **Prerequisite:** ACCT 3050.

**ACCT 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced topics in accounting that are not included in the regular course offerings. Specific content and prerequisites are announced in the course schedule for a given term. Students may re-enroll for special topics covering differing content.

#### 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. Formerly HUM 381.

**ARTS 2400 The Theatre 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. Formerly HUM 240.

**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. Formerly HUM 375.

**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 Studies students: LANG 2000. Formerly HUM 254.**

**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 Studies students: ARTS 2540: Intro to Film Criticism.**

**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 Studies students: ARTS 2300 or ARTS 2500. Formerly WMS/HUM 401.**

**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 Studies students: ARTS 2300 or ARTS 2500. Formerly HUM 218.**

**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 Studies students: ARTS 2300 or ARTS 2500. Formerly HUM 220.**

**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. **Prerequisite, except for Career Studies students: ARTS 2300, ARTS 2400, OR ARTS 2500. Specific focus to be announced. May be repeated once for credit, if content changes and with Department approval.**

## 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 1050 Concepts in Biology/3 sem. hrs.** (BIOL 102, COR 132, SCI 2018) This course is designed to explore the major concepts in biology from the cell to the behavior of the whole integrated plant and animal. This course is intended for nonscience students.

**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, 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 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 2200 General Botany/Lab/4 sem. hrs.** Introduction to basic structure, life processes and taxonomy of algae, fungi, and plants, emphasis on structure and function of tissues and organs, ecology, and reproduction of flowering plants. 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 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.** (BIOL 2300, LSC 230) 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.** (BIOL 2310, LSC 231) 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. **Prerequisite: 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." **Prerequisite: BIOL 1500, 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 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. **Prerequisite:** BIOL 1500 CHEM 2310.

**BIOL 4350 Cellular and Molecular Biology/Lab/4 sem. hrs.** Study of the subcellular architecture and function, growth, and reproduction of prokaryotic and eukaryotic cells. Includes laboratory sessions. **Prerequisite:** BIOL 1500, 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; principles in enzymology, metabolism, and bioenergetics. **Prerequisite:** BIOL 1500, CHEM 3200 or 3310.

**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. **Prerequisite:** 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. **Prerequisite:** 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, 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 re-enroll for Special Topics covering different content.

## BUSINESS (BUSS)

**BUSS 1010 Introduction to Business/3 sem. hrs.** A basic course in the study of the private enterprise system. A brief history and background of the system and its components, functions, disciplines, and laws. The future of enterprise as a network is discussed.

**BUSS 2130 Business Applications of Microcomputers/3 sem. hrs.** (BUS 113) Theory and application of programs for microcomputers that are useful in the business environment. Accounting, database management, and information system management programs will be included. A computer laboratory-oriented course. **Prerequisites:** ACCT 2100, TECH 1110. Identical to TECH 2130.

**BUSS 2150 Business Law I/3 sem. hrs.** The fundamentals of business law, contract law, property law, and negotiable instruments as these areas apply to business organizations. Credit cannot be obtained for both BUSS 2150 and LEGS 2400.

**BUSS 2700 Current Issues in Telecommunications/3 sem. hrs.** A foundation of basic telecommunications applications and principles will be established. The technical and managerial aspects of telecommunications from a business perspective will also be presented. Special emphasis will be placed on current technological, legislative, and regulatory issues facing the telecommunications industry.

**BUSS 3020 Business Communications/3 sem. hrs.** Study of strategy and implementation 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 effective memos. **Prerequisite:** LANG 1500. Identical to MGMT 4900.

**BUSS 3050 Organization Theory/3 sem. hrs.** Emphasizes modern organizations and their structure 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 (no credit)** 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.** A study of management problems that relate to the small-scale entrepreneur. The evaluation of options available and decisions to be made in initiating a business: implementing financial and administrative controls, operating systems, pricing and marketing strategy, and understanding the legal environment in which the business must function.

**BUSS 3150 Business Law II/3 sem. hrs.** A continuation and expansion of Business Law I. Agency law, bailments and the Uniform Commercial code as these areas apply to business organizations. **Prerequisite:** BUSS 2150

**BUSS 3250 Business, Government, and Society/3 sem. hrs.** Consideration of relationships between business enterprises and the social and political milieu in which these enterprises operate. New concepts in business ethics and corporate responsibility. Governmental regulation of business.

**BUSS 3500 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. This course is not required for those students who have taken BUSS 2150 and BUSS 2160. Identical to LEGS 3500.

**BUSS 3550 Introduction to International Business/3 sem. hrs.** Survey of the field that includes 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; international accounting.

**BUSS 4090 Quantitative Methods/3 sem. hrs.** Emphasis on specific 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 the theories of normative ethics. Identifies a variety of ethical issues and moral challenges within the corporation. Focuses on moral problems involving consumers, the environment, the professions, and the role of the corporation in our society.

**BUSS 4200 Real Estate Practice/3 sem. hrs.** Topics will include interests in real property, contracts, deeds, mortgages and other encumbrances, mortgage foreclosure procedures, title searches, title insurance, and leases. Students will prepare closing documents for a residential real estate transaction. **Prerequisite:** LEGS 2150 or LGST 2010; or permission of coordinator. **Identical to LEGS 4250.**

**BUSS 4610 Business Research Methods/3 sem. hrs.** Research designs commonly used in business decision making. Survey, observation, data analysis, sampling, and quasi-experiments, as they relate to the analysis and proposed solutions of real problems in an organizational setting. Students will 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 is a course registration number 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 on an occasional basis 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 will focus on the solution of specific business problems. Case studies will be employed in this course. **Prerequisites:** ECON 2010, ECON 2020 or ECON 3150, and 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 re-enroll for Special Topics covering differing content.

**BUSS 4990 Independent Study in Business/1-12 sem. hrs.** (BUSS 197, 297, 397, 497) The student selects, and carries out independently, library and/or empirical research. Faculty supervision is provided on an individual basis. **Prerequisite:** written consent of instructor and division director.

#### CHEMISTRY (CHEM)

**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 1040 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:** MATH 1200 and CHEM 2300.

**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 Bio-organic 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 330, Organic Chemistry I/Lab, includes laboratory sessions. **Prerequisite:** CHEM 3300.

#### 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, etc. **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 Department approval. **Prerequisite, except for Career Studies Students:** One course in Communications listed above.

#### 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 an in interpretation of standard and specialized tests of auditory function. **Prerequisites:** CSAD 3020, CSAD 3040, 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 of evaluation and management of clients, and class discussion of observations of evaluation and management of clients, and class discussion of observations.

**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)

**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. **Prerequisite:** MATH 1030 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. **Prerequisite:** MATH 1030.

**CSIS 1900 Introduction to Computer Programming /4 sem. hrs.** An introduction to the principles of computer science by program development, knowledge representation, and problem solving. Extended Standard SCHEME is used to present the concepts and principles of programming in a NATURAL LANGUAGE form independent of any specific computer language. Concepts include first-class data structures, higher order functions, recursion, and algorithm design. **Prerequisite:** TECH 1110.

**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 problem, formal problem definition, design methodologies, program specification, breakdown, and files using COBOL. **Prerequisites:** CSIS 1400 and CSIS 2150.

**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 1400, 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 2410.

**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. **Prerequisites:** 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 2600.

**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. **Prerequisites:** CSIS 1600 and CSIS 2410.

**CSIS 3080 Cooperative Education (no credit)** 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, prepositional logic and predicate logic, induction versus recursion, countable and non-countable sets, finite state automata and regular expressions, pushdown automata and context-free languages, Turing machines, decidability and computability, and computational complexity. **Prerequisites:** CSIS 2600 and MATH 2200.

**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 2600.

**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 & 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 explained. **Prerequisite:** CSIS 2600.

**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. **Prerequisites:** CSIS 3310.

**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 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 non-linear 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. 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 3310.

**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. **Prerequisite:** CSIS 3310 and MATH 2200.

**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. **Prerequisites:** CSIS 3400 and 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, assembly language level. CISC/RISC and parallel architectures are introduced. **Prerequisite:** 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. **Prerequisite:** 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, 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, software-controlled hardware. A comparison of several existing computer systems will be made. **Prerequisite:** CSIS 2410 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. **Prerequisite:** 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 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. **Prerequisite:** 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. **Prerequisite:** 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 2600.

**CSIS 4880 Special Topics in Computer Science/3 sem. hrs.** Topics in computer science that are not included in regular course offerings. Specific contents is 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 is 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:** SCIS 1600.

**CSEE 4600 Microprocessor Applications/3 sem. hrs.** Applications in the design and stimulation of microprocessor-based systems. **Prerequisite:** Senior standing.

#### COOPERATIVE EDUCATION (COOP)

**COOP 3810-COOP 3919 Cooperative Education/1-3 sem. hrs.** A 10-20 hour per week work experience for 16 weeks in the student's major area of study or area of career interest. **Prerequisite:** 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 make obvious

the fact that there are no simple answers or quick solutions to the environmental problems now faced. 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 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 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/3 sem. hrs.** Study of the field covering its historical development, terminology, trends and theories, the nature of crime, the elements of major crimes, and defenses.

**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.

**CRJU 4000 Criminal Procedure and Individual Rights/3 sem. hrs.** Study of the rights of the accused, emphasizing the 4th through 8th Amendments to the United States Constitution, and of the rights of witnesses, victims, and convicts.

### ECONOMICS (ECON)

**ECON 2010 Principles of Macroeconomics/3 sem. hrs.** A study of basic economic concepts, emphasizing analysis of the aggregate economy. Fundamental concepts of national income and its determination, economic fluctuations, monetary and fiscal policies, and economic growth. Students may not receive credit for this course and ECON 3150.

**ECON 2020 Principles of Microeconomics/3 sem. hrs.** 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 emphasizing analysis of current economic issues of the aggregate economy. A historical overview of economic philosophers provides perspective to the modern emphasis. Students may not receive credit for this course and ECON 2010.

**ECON 3210 Monetary Theory and Policy/3 sem. hrs.** 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.** Theory and practice of trade, comparative advantage, trade barriers, balance of payments, economic development, regional economic integration. **Prerequisites: ECON 2010 and 2020.**

**ECON 4210 Business Cycles and Forecasting/3 sem. hrs.** Emphasizes the aggregate fluctuation in business, tracing the main stages of development from upswing through prosperity to downswing. The leading theories on the causes of business cycles. How to describe the methods of measuring business cycles and forecasting the cyclical behavior with the aid of indicators. **Prerequisite: ECON 2010.**

**ECON 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced topics in economics that are not included in regular course offerings. Specific content, possible prerequisites announced in the course schedule for given term. Students may reenroll for special topics covering different content.

### EARLY CHILDHOOD EDUCATION (EECP)

**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 in 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 upon 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 multi-ethnic 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 0200 Clinical Experience/0 sem. hrs.** Students taking courses in the Elementary Education Program must register each semester for a Clinical/Field Experience. All courses in the program include clinical/field experience components. The assignments for these experiences are provided in individual course syllabi and vary according to the content of the course.

**EDUC 0300 Clinical Experience/0 sem. hrs.** Students taking courses in the Exceptional Student Education Program must register each semester for a Clinical/Field Experience. All courses in the program include clinical/field experience components. The assignments for these experiences are provided in individual course syllabi and vary according to the purpose of the courses.

**EDUC 0400 Clinical Experience/0 sem. hrs.** Students taking courses in the Secondary Education Program must register each semester for a Clinical/Field Experience. All Education courses in the program include clinical/field experience components. The assignments for these experiences are provided in individual course syllabi and vary according to the content of the course.

**EDUC 1000 Benchmark #1/0 sem. hrs.** Benchmark requirements include: passing of the CLAST or PPST; reentry 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 #1 concurrently with Block #1 courses, EDUC 3420, ELEM 3020, EDUC 3360, and ELEM 3060.

**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 2000 Benchmark #2/0 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 faculty mentor. Students register for Benchmark #2 concurrently with Block #2 courses, EDUC 4470, ELEM 3160, EDUC 4490, and ELEM 3180.

**EDUC 3000 Benchmark #3/0 sem. hrs.** Benchmark requirement is portfolio assessment with faculty mentor. Students register for Benchmark #3 concurrently with Block #3 courses, ELEM 3310, ELEM 3120, ELEM 3320, and ELEM 3110. Students may not register for Block #3 or Benchmark #3 until Benchmark #1 and Block #1 courses have been completed. Students must complete Benchmark #3 before registering for their teaching internship.

**EDUC 4000 Benchmark #4/0 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 #4 and Block #4 courses, EDUC 4480, ESED 4350, EDUC 3510, and ELEM 3640. Students may not register for Benchmark #4 or Block #4 until they have completed Benchmark #2 and Block #2. Students must complete Benchmark #4 before graduating.

**EDUC 1410 Personal Career Development/3 sem. hrs.** 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 2000 Benchmark #2/0 sem. hrs.** Allows for further development of the portfolio. The SAT or ACT must be completed. Students must complete Benchmark #2 before registering for block #4 coursework.

**EDUC 2250 Caring for Infants and Toddlers/3 sem. hrs.** This course 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 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.

**EDUC 2260 Administration of Early Childhood Programs/3 sem. hrs.** A survey course identifying the responsibilities of early childhood administration and the competencies needed to discharge them successfully.

**EDUC 3000 Benchmark #3/0 sem. hrs.** Requires students to further develop their portfolio. Students must complete Benchmark #3 before registering for Teaching Internship and Seminar.

**EDUC 3170 Instructional Materials/3 sem. hrs.** Use of a variety of materials in an educational program, including literature, media, and independent-learning material.

**EDUC 3360 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. **Prerequisite: PSYC 1020**

**EDUC 3400 Administrative Leadership and Decision Making for Early Childhood/3 sem. hrs.** 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.

**EDUC 3410 Curriculum Decisions of Early Childhood Programs/3 sem. hrs.** Study of curricula 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.

**EDUC 3420 Sociological Foundations of Education/3 sem. hrs.** Examines the institution of schooling in its social, political, legal, historical and philosophical contexts with an emphases on current trends in the professions.

**EDUC 3510 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. **Prerequisite: TECH 1110, EDUC 3360, EDUC 3420, EDUC 4470, EDUC 4480.**

**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 Benchmark #4/0 sem. hrs.** Requires students to complete their employment portfolio. Requirements include taking the Florida Teacher Certification Examination professional and subject area exams. Students must complete Benchmark #4 before graduation.

**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.

**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. **Prerequisite:** LANG 1500.

**EDUC 4190 Rhythm and Dance in Elementary Curricula/3 sem. hrs.** This course is designed to prepare students to select and plan meaningful rhythm and dance experiences for elementary students.

**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.

**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.

**EDUC 4470 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, ten hours of clinical experience is required. **Prerequisites:** EDUC 3360, EDUC 3420.

**EDUC 4480 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. **Prerequisites:** EDUC 3360, EDUC 3420, EDUC 4470, EDUC 4490.

**EDUC 4490 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, ten hours of clinical experience is required. **Prerequisites:** EDUC 3360, EDUC 3420, EDUC 4470.

**EDUC 4520 Internship/12 sem. hrs.** A sixteen 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. **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.

**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.

**EECB 4104 Indoor/Outdoor Learning Environments/3 sem. hrs.** Students will be provided with information on how safe, healthy learning environments that not only 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.

**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 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.

**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.

**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 on program management, technology for staff development, technological support for typical and atypical children and technology to facilitate children's development and learning.

**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.

**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.

## EARLY CHILDHOOD EDUCATION PRIMARY (3-grade 3) (EECP)

**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 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.

**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 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.

**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 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.

**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.

**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 environment. 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 pre-kindergarten/primary settings for learning and administrative purposes.

**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 pre-school 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. This course will be offered in an internship format for 14 weeks in a public school K-3 setting.

**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 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. This course will be offered in internship format for 14 weeks in a public school K-3 setting.

## ELEMENTARY EDUCATION (ELEM)

**ELEM 1100 Introduction to Early Childhood Education I/3 sem. hrs.** Meeting the physical and intellectual needs of the preschool child. 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.

**ELEM 1110 Introduction to Early Childhood Education II/3 sem. hrs.** 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.

**ELEM 1120 Introduction to Early Childhood III/3 sem. hrs.** 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; teacher/staff relationships that ensure a commitment to the goals of the center.

**ELEM 3020 Science Curriculum for Education Majors/3 sem. hrs.** 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.

**ELEM 3060 Math Curriculum for Education Majors/ 3 sem. hrs.** 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.

**ELEM 3110 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 ten hours of clinical experience is required. **Prerequisites:** EDUC 3360, EDUC 3420, EDUC 4470.

**ELEM 3120 Methods of Teaching Science in the Elementary School/3 sem. hrs.** Examines content and methods for teaching elementary school science using various approaches and resources. In addition to class meetings, at least ten hours of clinical experience is required. **Prerequisites:** EDUC 3360, EDUC 3420, ELEM 3020.

**ELEM 3130 Teaching Music in Elementary School/ 3 sem. hrs.** Study of the fundamentals of music, contents of a music program, and special methods of teaching and using music in the elementary school curriculum.

**ELEM 3140 Teaching Art in Elementary School/3 sem. hrs.** Contents and methods of teaching art in the elementary school. Problems in the selection of materials and the evaluation of activities, as well as ideas and art projects will be included.

**ELEM 3150 Health and Physical Education in Elementary School/3 sem. hrs.** The curriculum, content, and methods in effective health education in the elementary school. Methods and materials for physical education.

**ELEM 3160 Methods of Teaching Mathematics in the Elementary School/3 sem. hrs.** Encompasses modern trends in elementary mathematics based upon the National Council of Teachers of Mathematics guidelines. Problem solving strategies, manipulative, and computer technology will be explored. In addition to class meeting, at least ten hours of clinical experience is required. **Prerequisites:** EDUC 3360, EDUC 3420, ELEM 3060.

**ELEM 3180 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 quality children's books and the development of teaching strategies for integrated language arts instruction. **Prerequisites:** LANG 1500, LANG 2000.

**ELEM 3310 Methods of Teaching Literacy in the Elementary School/3 sem. hrs.** 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 ten hours of clinical experience is required. **Prerequisite: ELEM 3180.**

**ELEM 3320 Reading Assessment/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 ten hours of clinical experience is required. **Prerequisite: ELEM 3310.**

**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 is required.

**ELEM 3610 Special Methods of Early Childhood Education I/3 sem. hrs.** A study of various approaches to early childhood education.

**ELEM 3620 Special Methods of Early Childhood Education II/3 sem. hrs.** A study of the methods and materials in early childhood education with emphasis on the learning process. Kindergarten observation included in this course.

**ELEM 3640 Methods of Integrating Music, Art and Health Education Across the 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 which are based on current research. In addition to class meetings, at least ten hours of clinical experience is required. **Prerequisites: EDUC 3360, EDUC 3420, EDUC 4490**

#### EXCEPTIONAL STUDENT EDUCATION (ESED)

**ESED 4060 Foundations of Mental Handicaps/3 sem. hrs. (EDUC 406)** A study of the nature and needs of educable, trainable, and profoundly mentally handicapped students ranging from kindergarten through high school. Topics include etiology, medical aspects, and prevention. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. **Prerequisite: ESED 4350.**

**ESED 4070 Curriculum for Mentally Handicapped/3 sem. hrs. (EDUC 407)** Emphasis is on specialized curriculum needs of various levels and ages of mentally handicapped students. Topics include identification and application of effective practices, as well as recognition of trends and standards in the field. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required **Prerequisite: ESED 4350.**

**ESED 4080 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 is required. **Prerequisites: ESED 4350, ESED 4360, ESED 4380, ESED 4400.**

**ESED 4200 Foundations of Emotional Handicaps/3 sem. hrs. (EDUC 420)** Information about the nature and needs of the emotionally handicapped with emphasis on etiology, prevention, intervention, and utilization of community services. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required **Pre-requisite: ESED 4350.**

**ESED 4290 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 additional class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. **Prerequisites: ESED 4350, ESED 4380, ESED 4400, and ESED 4360 or ESED 4200.**

**ESED 4300 Classroom Management of the Emotionally Handicapped/3 sem. hrs. (EDUC 430)** Behavior management techniques for use with emotionally handicapped students from kindergarten to grade 12 will be discussed. Application of theories, crisis intervention and prevention, legal considerations, and counseling skills will be stressed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required **Prerequisite: ESED 4350.**

**ESED 4320 Precision Teaching/3 sem. hrs. (EDUC 432)** Specialized curriculum for emotionally handicapped students with emphasis on curriculum development and identification, evaluation, modification, and use of commercial materials and programs. Skills specific to precision teaching and data tracking will be stressed. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. **Prerequisite: ESED 4350.**

**ESED 4330 Foundations of Learning Disabilities/3 sem. hrs. (EDUC 433)** A study in concepts, research, and theories in specific learning disabilities. Topics include characteristics and classification of students and the continuum of services available. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. **Prerequisite: ESED 4350.**

**ESED 4350 Survey of Exceptional 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. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

**ESED 4360 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 is required. **Prerequisites: ESED 4350, ESED 4380, ESED 4400.**

**ESED 4380 Educational Assessment of Exceptional Children/3 sem. hrs. (EDUC 438)** Assessment of exceptional students for instructional planning purposes is stressed. Topics include formal and informal evaluation techniques, as well as the interpretation, application, and communication of results. Emphasis is also placed on addressing programmatic needs from kindergarten through adulthood. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required **Prerequisite: ESED 4350.**

**ESED 4390 Curriculum for Learning Disabilities/3 sem. hrs. (EDUC 439)** A study of specialized curriculum and instructional materials for teaching students with specific learning disabilities will be emphasized. Topics include curriculum standards and resources for students ranging in age from kindergarten through grade 12. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required **Prerequisite: ESED 4350.**

**ESED 4400 Introduction to Language Development and Speech Disabilities/3 sem. hrs. (EDUC 440)** The study of language development and disorders, which includes the impact of language on learning and augmentative forms of communication. Individual needs and remediation concerns are addressed from early childhood to adulthood. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required **Prerequisite: ESED 4350.**

**ESED 4440 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 is required. **Prerequisites:** ESED 4350, 4380, 4400, 4360 or 4330.

**ESED 4500 The Gifted Student: Nature and Needs/3 sem. hrs.** (EDUC 450) A study of the characteristics of the gifted and talented, identification of procedures, and the utilization of assessed strengths and weaknesses to maximize educational and social growth. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

**ESED 4510 Educational Procedures for the Gifted/3 sem. hrs.** (EDUC 451) A study of learning styles of the gifted and matching teaching strategies appropriate to their needs and interests with an attempt to parallel opportunities for cognitive and affective growth. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

**ESED 4520 Educating Special Populations of Gifted Students/3 sem. hrs.** This course deals with educating special populations of gifted students such as minorities, underachievers, handicapped, economically disadvantaged, and highly gifted students. It includes student characteristics and programmatic adaptations. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

**ESED 4530 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 is required. **Prerequisites:** ESED 4350, ESED 4380, ESED 4400.

**ESED 4540 Theory and Development of Creativity in Gifted Students/3 sem. hrs.** This course will provide an overview of theory, research, practical strategies, and resources on creativity, with an emphasis on classroom application for gifted students. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required.

**ESED 4550 Guiding and Counseling the Gifted Student/3 sem. hrs.** (EDUC 455) A study of basic counseling techniques to help the classroom teacher guide the gifted student toward optimum academic and social growth. In addition to class meetings, a minimum of 10 hours of observation and participation in a clinical setting is required. **Prerequisite:** ESED 4350.

**ESED 4580 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 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 is required. **Prerequisites:** ESED 4350, 4380 and 4400.

**ESOL**  
(TPEP) (For teacher education students only)

**ESOL 4900 Survey of Teaching English to Speakers of Other Languages - Seminar/3 sem. hrs.** An overview of the required components for the E.S.O.L. Add-On Endorsement, including the Florida Performance Standards and Program Design Matrices which are used to verify the attainment of specified competencies. An elective offered for school district personnel who need to meet specific district requirements.

**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.

**ESOL 4902 ESOL Curriculum and Materials Development/3 sem. hrs.** Participants will learn how to design various models of appropriate ESOL curricula for K-12, 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.

**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.

**ESOL 4904 Linguistics for ESOL Educators/3 sem. hrs.** This course deals with the basic systematic and subsystemic organization of language, including phonology, morphology, syntax, and possible linguistic interferences in these areas for PEP 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 PEP students with special needs.

**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. **Prerequisites:** TPEP 4910, TPEP 4902, TPEP 4903, TPEP 4904, ESOL 4901, 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 juniors and seniors in high school.

**FINC 2030 Financial and Accounting Management in Health Care/3 sem. hrs.** Using accounting information to make 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.** Survey of personal financial strategy. Provides guidelines in many areas including borrowing money, investments, insurance, home ownership taxes, and consumer rights.

**FINC 3010 Corporation Finance/3 sem. hrs.** Financial management as it applies to organizations. Ratio analysis, leverage, cash budgeting, capital structure, and other concepts of financial management applied to business organizations. **Prerequisite:** ACCT 2100.

**FINC 3110 Financial Management/3 sem. hrs.** A continuation and expansion of Corporation Finance. Present value analysis, rate of return, and other techniques used in the evaluation of investment alternatives. **Prerequisite:** FINC 3010.

**FINC 3150 Banking and Financial Institutions/3 sem. hrs.** Nature of the operation in commercial banks, savings and loan associations, and savings banks. Structure and function of the loan, mortgage, bond, investment, trust, marketing, audit, and other departments within the institutions. Impact of federal and state agencies and their regulations upon these institutions.

**FINC 4110 Principles of Investments/3 sem. hrs.** Investment management is emphasized including financial statements and portfolio management. How to analyze financial statements, use rating services such as Moody's and Standard and Poor's, and compare growth and income investments. **Prerequisite:** ECON 2010.

**FINC 4550 International Finance and Banking/3 sem. hrs.** International monetary systems, foreign exchange markets, exchange rates, international financial institutions, capital markets. **Prerequisite:** FINC 3010.

**FINC 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced 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.** (SSI 426) 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:** 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 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 re-enroll 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 axis of subordination, identity politics and essentialism.

**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 socio-economic systems upon 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 neo-colonialism. (Formerly LAC 213: Latin American and Caribbean Studies I)

**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. (formerly LAC 214: Latin American and Caribbean Studies II)

**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 upon 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. Formerly HIS 314.

**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. Formerly HIS 325, Emerging Nations.

**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 Studies 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 Twentieth 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 Studies 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 Studies 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 aspect of managing a hospitality enterprise. Includes foundation of 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 the hospitality and tourism organizations. Contemporary theories and practices are analyzed within practical applications for hospitality/tourism management. Organizational development strategies are examined within the context of improving the effectiveness of corporations in the industry. **Prerequisite:** HMGT 3110.

**HMGT 3300 Food and Beverage Operations/3 sem. hrs.** Management of food and beverage operations is addressed. Emphasis is on front and back-of-the-house operations. Staffing and accounting principle guidelines will be discussed.

**HMGT 3310 Nutrition and Sanitation/3 sem. hrs.** Focus on issues of health-consciousness and food quality and safety. Retail restaurant food service trends, marketing, recipe development, and contemporary menu planning will be examined. Effective food handling techniques, methods for prevention of food-borne illnesses, and causes of food contamination are other topics studied.

**HMGT 3350 Volume Food Management/3 sem. hrs.** Covers both the history of and contemporary issues in the volume food industry, the various industries involved in volume feeding, and the types of services offered. Familiarizes students with processes, equipments, facilities, trends, opportunities, and challenges associated with this industry.

**HMGT 3450 Front Office and Housekeeping Operations/3 sem. hrs.** A foundation to the introduction of all front office procedures and back-of-the-house housekeeping operations. Front office operations emphasize procedures, reservations, registration, night audit, checkout and billing. Housekeeping operations emphasize motivating staff, ordering and inventory control of housekeeping products, hiring of staff and basic guest room cleaning procedures.

**HMGT 3500 International Operations Management/3 sem. hrs.** This course focuses on the procedures used in the day to day operations of several key types of hospitality and tourism organizations and their departments. Emphasis is placed on the technology, social aspects, terminology and systems which lead to the delivery of a high quality service/products yielding satisfied customers. Some of the operations which will be examined are hotels, cruise ships, travel organizations, convention services, gaming, transportation, and other tourism operations. New or emerging kinds of organizations will also be included.

**HMGT 3520 Applied Research and Market Development/3 sem. hrs.** Research methodology in solving market question problems. Acquaints the student with questionnaire design, interview and observation techniques, hypothesis testing and basic descriptive and inferential statistics.

**HMGT 3600 Hospitality, Tourism, Sports, & Entertainment Law/3 sem. hrs.** The laws related to each of the industries will be compared and contrasted. Specific legal concerns in the areas of: tort liability, constitutional and statutory law, government regulations, risk management, agency principles, forms of business organization, contract law, and ethical aspects of legal questions that affect these industries will be covered.

**HMGT 3820 The Tourism System/3 sem. hrs.** A base of general knowledge of tourism and entertainment. The interdisciplinary relationships of world tourism traffic flows, attractions, and entertainment events are explored in depth.

**HMGT 3830 Public Tourism and Cultural Events/3 sem. hrs.** Examines the art and science of celebration and the impact of special Tourism events on the community and culture. Students will develop a thorough 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 and facts about major cruise lines and specialty yacht vacations are explored.

**HMGT 4020 Ethics in Hospitality Management/3 sem. hrs.** Examines managerial decision-making processes within hospitality organizations. Applications of basic philosophy, justice, and moral and social responsibilities to the management of corporations are emphasized. Ethical issues for review include workers' and consumers' rights, managerial responsibilities, community obligations, and social responsibilities. **Prerequisites:** HMGT 3110 and a law course (HMGT 3060 or HMGT 3180).

**HMGT 4060 Legal Aspects of Tourism Events/3 sem. hrs.** Introduces the student to areas of law specifically relevant to the cruise and tourism industry and the practical application of such laws. **Prerequisite:** HMGT 3060.

**HMGT 4310 Restaurant Management Seminar/3 sem. hrs.** Covers the scope of the restaurant industry, including types of restaurants and the consumer view of the restaurant experience. Aspects of menu planning, price, merchandising, marketing, and control will be discussed. **Prerequisites:** HMGT 3300 and permission of the instructor.

**HMGT 4350 Food and Beverage Purchasing/Control/3 sem. hrs.** Designed to provide the knowledge necessary to implement an F & B purchasing program and to improve or install appropriate F & B control systems in restaurants and medium-sized hotels. **Prerequisites:** HMGT 3300, MATH 1330.

**HMGT 4370 Food Facilities Design/3 sem. hrs.** Focuses on how conceptual plans and budget are transformed into a workable operational plan and how best to work with the design experts in the development of a new or renovated food service design project. **Prerequisite:** HMGT 3300

**HMGT 4500 Hospitality/Tourism Practicum/3 sem. hrs.** The learner is to theory to put practice through employment or pro-bono work in a specific area of the industry. The Practicum represents the culmination of the Hospitality Management program. Its purpose is to hone specific applied management skills in an industry setting or develop knowledges and skills in an area that is less familiar to the learner. The Practicum requires a minimum of a full semester (16 week) commitment. Like all courses in the program, it is worth three credits 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.** Contemporary issues in the development of sustainable tourism resources are examined. Social, political, and economic factors and their impact on the environment are primary topics of the course. **Prerequisite:** HMGT 3820.

**HMGT 4850 Theme Parks and Entertainment Attractions/3 sem. hrs.** Views the origin of theme parks and attractions and distinguishes between them. It reviews 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 complete planning and management issues of the largest segment of the group travel industry, conventions and meetings. Meeting planning, exhibit services, theme design, banquet and volume food service, site selection, association organizational structure, transportation, and pre/post-conference packaging are all discussed and applied to a project-oriented experience. **Prerequisite:** HMGT 3820.

**HMGT 4980 Special Topics in Hospitality/Tourism/3 sem. hrs.** Students may register for a directed study designed to provide advanced students with the opportunity to pursue areas of major interest within the hospitality and tourism areas with the permission and 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 Studies 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 Studies students: senior standing.**

#### INTERNSHIP (INTN)

**INTN 3810 Internship I in Accounting**  
**INTN 3811 Internship I in Business**  
**INTN 3812 Internship I in Comp. Sci.**  
**INTN 3813 Internship I in Education**  
**INTN 3815 Internship I in Legal Studies**  
**INTN 3816 Internship I in Life Sciences**  
**INTN 3817 Internship I in Liberal Arts**  
**INTN 3818 Internship I in Ocean Studies**  
**INTN 3819 Internship I in Psychology**

**1-3 sem. hrs.** A 10-20 hours a week nonpaying work experience. The position must be related to the student's academic program and referrals to such employers are coordinated by the NSU Career Resource Center and the Coordinator of Community Service. 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 completed a minimum of 36 academic credit hours.

**INTN 3910 Internship II in Accounting**  
**INTN 3911 Internship II in Business**  
**INTN 3912 Internship II in Comp. Sci.**  
**INTN 3913 Internship II in Education**  
**INTN 3914 Internship II in Humanities**  
**INTN 3915 Internship II in Legal Studies**  
**INTN 3916 Internship II in Life Sciences**  
**INTN 3917 Internship II in Liberal Arts**  
**INTN 3918 Internship II in Ocean Studies**  
**INTN 3919 Internship II in Psychology**

**1-3 sem. hrs.** A 10-20 hours a week nonpaying work experience. The position must be related to the student's academic program and referrals to such employers are coordinated by the NSU Career Resource Center and the Coordinator of Community Service. 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 completed a minimum of 36 academic credit hours.

#### 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 course 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. Formerly LANG 1110. **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 writing. Formerly LANG 1120. **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. **Prerequisite: LANG 2000. May be repeated once for credit with departmental approval.**

**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 re-enroll 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 re-enroll 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/Non Credit.

**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. **Prerequisite:** TECH 1110 or permission of the coordinator. Also offered as LEGS 0021.

**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. **This course is not required for those students who have taken**

**BUSS 2150 and BUSS 3160.** Also offered as LEGS 0040/Non Credit.

**LEGS 3050 Civil and Criminal Responsibility/3 sem. hrs.** Topics will include intentional torts, negligence, strict liability, products liability, defamation, defenses to torts, criminal intent, crimes against the person and property, and defenses to crimes. Also offered as LEGS 0005/Non Credit.

**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. **This course is not required for those students who have taken LGST 3300.** **Prerequisite:** LEGS 1150 or LGST 2010 or permission of coordinator. Also offered as LEGS 0010/Non Credit.

**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. **Prerequisite:** LEGS 1150 or LGST 2010 or permission of coordinator. Also offered as LEGS 0026/Non Credit.

**LEGS 3300 Litigation and Procedure I/3 sem. hrs.** Topics will include evidence, the rules of civil procedure, discovery, jury selection, pre-trial work, and collection of judgments. Students will prepare pleadings and interrogatories for a lawsuit. **Prerequisite:** LEGS 2150 or LGST 2010 or permission of coordinator. Also offered as LEGS 0030/Non Credit.

**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. **Prerequisite:** LEGS 1150 or LGST 2010 or permission of coordinator. Also offered as LEGS 0036/Non Credit.

**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. Students will prepare petitions and other documents related to the foregoing topics. **Prerequisite:** LEGS 1150 or LGST 2010 or permission of coordinator. Also offered as LEGS 0050/Non Credit.

**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. **Prerequisite:** LEGS 1150 or LGST 2010 and LEGS 2400 and 3050 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. **Prerequisite:** 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. **Prerequisite:** LEGS 1150 or LGST 2010 and LEGS 3260 or permission of the coordinator.

**LEGS 4310 Litigation and Procedure II/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 (e.g. domestic relations and personal injury) where they will apply many of the procedural rules that they have studied. **Prerequisite:** LEGS 1150 or LGST 2010 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 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. **Prerequisite:** LEGS 1150 or LGST 2010 and LEGS 2400 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; Alternate Dispute Resolution; Employment Law; Health Law; Immigration Law; Insurance Law; International Law; and Patents, Trademark and Copyright Law. **Prerequisite:** LEGS 1150 or LGST 2010 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 Payees; 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. **Prerequisite:** LEGS 1150 or LGST 2010 or permission of coordinator.

#### 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. Formerly: LGST 2600, LGST 2610, LGST 2620, LGST 2630, LGST 2640, LGST 2650, LGST 2660, LGST 2670, and LGST 2680.

**LGST 3260 Judicial Politics and Process/3 sem. hrs.** This class will examine both the formal and informal practices and rules which 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 & Writing/3 sem. hrs.** Students will learn basic primary and secondary resources and legal research skills. Book, on-line, cd-rom, and Internet resources will be covered. Two memoranda of law and law library research skill exercises will be required. **Prerequisite:** LGST 2010. **Junior Standing Required.**

**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 twentieth-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. **Prerequisite:** LGST 3300. **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.

#### LITERATURE (LITR)

**LITR 2010 British Literature/3 sem. hrs.** A survey of major literary movements and writers, from the *Beowulf* poet to the present. Formerly HUM 256 and HUM 257.

**LITR 2020 American Literature/3 sem. hrs.** (HUM 269, HUM 273) A survey of American literature from the Puritans to the present, emphasizing major authors and identifying themes common to different historical periods. Formerly HUM 269 and HUM 273.

**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, or Cervantes. Formerly HUM 272 and HUM 273.

**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 Studies 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 Studies 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 Studies students:** LITR 2030.

**LITR 3040 Women and Literature/3 sem. hrs.** (WMS/HUM 306) 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 Studies 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 Studies 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 Studies students:** LITR 2010, LITR 2020 or LITR 2030.

**LITR 4060 Feminist Criticism and Theory/3 sem. hrs.** (WMS/HUM 406) 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, psychoanalysis) and its role in shaping feminist criticism. **Prerequisite, except for Career Studies 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 Studies 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, 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 Studies 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 Studies students: one 3000- or 4000-level course listed above.**

#### MANAGEMENT (MGMT)

**MGMT 1410 Personal Career Development/3 sem. hrs.** The process of career development applied to one's self-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 PSYC 1410.

**MGMT 2050 Principles of Management/3 sem. hrs.** An overview of historical development of management theory, the distinct 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.** 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 PSYC 2480.

**MGMT 2510 Supervisory Skills/3 sem. hrs.** A study of the changing responsibilities of first-level supervisors. Topics include: quality management, multi-cultural diversity, dealing with unions, equal opportunity legislation, discipline procedures, and organizational ethics and politics.

**MGMT 2910-2990 Special Topics/3 sem. hrs.** Topics in management that are not included in regular course offerings and may be taken without prerequisites. Specific content is announced in the course schedule for a given term. Students may re-enroll for special topics covering different content.

**MGMT 3020 Organizational Communication/3 sem. hrs.** Survey course of communication in organizations. Topics covered are formal and informal communication networks, communication roles, communication audits, and organizational barriers to effective communication. Skills-building emphasis.

**MGMT 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 4920 and PSYC 3070.

**MGMT 3200 Public Administration/3 sem. hrs.** The nature and scope of public administration: principles, societal protection, assistance to various groups, governmental proprietary enterprises, and regulation of business. Bureaucratic organization, administration, relationships, and policy making are also included. **Prerequisite: MGMT 2050.**

**MGMT 3210 Public Budgeting, Planning and Control/3 sem. hrs.** Fundamental concepts of budgeting with emphasis on process. Management uses of planning and controlling in business. Historical and standard costing, funds flow analysis, tax planning, and business decision rules. Essentials of risk management, long term financing of organizations. Analysis of appropriate methods of managing static risk, capital budgeting, mergers, and failures. **Prerequisite: ACCT 2100.**

**MGMT 3550 International Management/3 sem. hrs.** The context of international management, organization of multinational firms, cultural and environmental issues, organizational problems in international operations, planning and control, 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.** 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 implementing these. Identical to PSYC 3560.

**MGMT 3660 Management Information Systems/3 sem. hrs.** Course offers a broad coverage of computer use, database management, and information system fundamentals for managers living in an increasingly complex information society.

**MGMT 3770 Production and Inventory Control/3 sem. hrs.** Analysis of production systems, materials flow networks, methods of control, and forecasting of market and resource activities. Examination of criteria for determining output, pricing (economic order quotients and capital cost), investment (capital budgeting), concept of profit centers, and cost functions.

**MGMT 3880 Operations Management/3 sem. hrs.** Management of operations within the manufacturing sector, control of production operations, maintenance of quality of output and techniques for planning, and scheduling manufacturing operations. **Prerequisite: MGMT 3770.**

**MGMT 4010 Health Care Organization and Administration/3 sem. hrs.** An examination of health care organization in the U.S. from a systems perspective. Administrative implications of the various types of health care organization models. Offered in HCS only.

**MGMT 4020 Legal Aspects of Health Care Administration/3 sem. hrs.** A study of legal liabilities and responsibilities of health care institutions and professionals; federal, state, and local statutes for provision and regulation of health services and facilities. Offered in HCS only.

**MGMT 4050 Organization Development and Change/3 sem. hrs.** Organizational Development (OD) is the process by which behavioral science knowledge and practices are used to help organizations achieve greater effectiveness. The end result is to improve the quality of work life and experience strategies for achieving change and development in organizations.

**MGMT 4150 Legal Environment of Management/3 sem. hrs.** A macro law course emphasizing public law and regulation of business. Examines relationships such as employer-employee, labor-management, debtor-creditor, and buyer-seller.

**MGMT 4160 Personnel Administration/3 sem. hrs.** Modern personnel policies, techniques, and methods. The development of sound wage and salary structures; the development of valid standards of personnel selection and placement; the use of psychological testing; interviewing techniques. **Prerequisite: MGMT 2050.**

**MGMT 4170 Organization Behavior/3 sem. hrs.** An overview of the informal, people-centered aspects of organization. Topics include motivation, leadership style, and various human relations-oriented theories. The interaction of the individual and the organization as a dynamic interplay that affects total organizational effectiveness. The role of effective communication in the organization. **Prerequisite: MGMT 2050.**

**MGMT 4200 Administrative Law/3 sem. hrs.** Introduces students to important legal issues involving administrative law and administrative process such as regulation, rule-making, adjudication, hearings, discretion, tort liability, and judicial review. Covers how administrative agencies are created, how they operate, and how they are controlled and reviewed.

**MGMT 4210 Issues in Public Policy/3 sem. hrs.** Description and analysis of issues in public policy. Case studies cover topics such as regulatory and redistributive public policies, policy evaluation, and the impact of politics on policy analysis. **Prerequisites: MGMT 3200, MGMT 4200.**

**MGMT 4250 Strategic Human Resource Management/3 sem. hrs.** (BUS 415, 425, 441) A capstone course in the behavioral management area that is in a seminar format. Topics to be covered are 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.** By the turn of the century, 70 percent of new hires will be women and minorities. This course prepares students to manage in the multicultural work place which is evolving all around us. Emphasis is on practical, experiential classroom activities designed to help students understand the range of cultural behaviors and expectations found in today's and tomorrow's work place. The goal is learning to manage a pluralistic work force in such a way as to maximize personal and corporate goals.

**MGMT 4450 Labor Relations and Negotiations/3 sem. hrs.** An examination of labor relations in depth covering collective bargaining, contract negotiation, contract administration, mediation, and arbitration. Includes an in-depth examination of labor legislation. **Prerequisite:** MGMT 4160.

**MGMT 4900 Business Communications/3 sem. hrs.** Study of strategy and implementation 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 effective memos. **Prerequisite:** LAN 1500.

**MGMT 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced 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 re-enroll for Special Topics covering different content.

**MGMT 4990 Adv. Special Topics: Total Quality Management/3 sem. hrs.** This course examines the theory and practice of total quality management (TQM) as it currently is being applied in American organizations. Includes philosophy of quality gurus Demming, Juran, Crosby, and others and explores the key tenets of passion for customers, continuous process improvement, self-directed work teams, and building a quality culture. Quality tools are examined.

## 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.** Establishing an effective marketing mix specific to the retail establishment. Basic concepts behind organizational structure, store location, personnel selection, merchandising, promotion, and service. Use

of certain analytical tools to aid in establishing the appropriate mix.

**MRKT 2910-2990 Special Topics/3 sem. hrs.** 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 re-enroll for Special Topics covering different content.

**MRKT 3050 Marketing Principles and Application/3 sem. hrs.** A focus on the marketing concept, and examination of a marketing oriented firm. Topics include consumer behavior, market analysis and the marketing mix. Students will produce a marketing plan.

**MRKT 3010 Channels of Distribution/3 sem. hrs.** The particular role of marketing channels in establishing an effective marketing mix. 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 (no credit)** Work placement for a period of 16-18 weeks. The placement will be directly related to the student's program of study.

**MRKT 3100 Marketing Services/3 sem. hrs.** This course undertakes an in-depth exploration of the marketing of services, highlighting the distinctions which exist in the marketing of intangibles. The managerial implications of these distinctions are explored, as well as strategies available to overcome the difficulties associated with the 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 the development/implementation of effective advertising campaigns and sales promotional plans for business on a local, regional, and national basis. **Prerequisite:** MRKT 3050.

**MRKT 3530 International Marketing/3 sem. hrs.** 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.** The management of the total marketing communication function. Stresses development of objectives for the promotion mix and the planning and integration of these programs with other aspects of the marketing mix. **Prerequisite:** MRKT 3050.

**MRKT 4310 Consumer Behavior/3 sem. hrs.** The analysis of the effectiveness of various marketing strategies in terms of yielding the desired consumer responses. The push-versus-pull strategy, the selling

approach versus the marketing approach, and other topics. **Prerequisites:** MGMT 4170 and MRKT 3050.

**MRKT 4350 Service Quality Management/3 sem. hrs.** This course develops a conceptual understanding of quality service marketing. It includes distinctive aspects of services, consumer behavior, services management and services research. **Prerequisite:** MRKT 3050.

**MRKT 4550 Export/Import Marketing/3 sem. hrs.** Managing the export/import department; 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; distributor relations. **Prerequisite:** MRKT 3530.

**MRKT 4710 Marketing Strategy/3 sem. hrs.** The planning, organization, implementation, and control of 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 4910-4980 Advanced Special Topics/3 sem. hrs.** Advanced topics in marketing that are not included in the regular course offerings. Specific content and prerequisites are announced in the course schedule for a given term. Students may re-enroll for Special Topics covering different content.

**MRKT 2901 Special Topics - Customer Service Theory and Practices/3 sem. hrs.** Examination of customer service theory and practice. Methods to measure and enhance productivity of customer service representatives. Students will learn about customer service as a total organizational philosophy as well as examine techniques of motivating customer service workers and raising consumer satisfaction.

**MRKT 2902 Special Topics - Public Relations/3 sem. hrs.** Principles and practices of establishing and maintaining goodwill between a person or organization and the public. Methods of gaining publicity. Students will analyze and develop public relations strategies and campaigns using case studies.

**MRKT 4901 Advanced Special Topics - Customer Service Practicum:** The requirements of this experiential course can be met in one of two ways: (1) The student will have passed Nova-approved corporate training programs in customer service or (2) The student will complete a customer service project within his/her company under the supervision of a faculty member and a corporate sponsor.

**MRKT 4911 Advanced Special Topics - Marketing in the Hospitality Industry/3 sem. hrs.**

## 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, polynomials, exponents, 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 I/3 sem. hrs.** The first in a two-course sequence whose goal is to provide students a perspective on diverse areas of mathematics. Topics covered include algebra, geometry and right triangle trigonometry. The course will focus on problem solving and applications. **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, analytic trigonometry, and numerous applications will be covered. **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.** (BUSS 309, MATH 201, 202, MGMT 301, PSYC 301) 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, and introduction to numerical methods. Laplace transforms. **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 divisibility, theory of primes, numerical functions, and congruence classes. **Prerequisite:** 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.

## OCEANOGRAPHY (OCES)

**OCES 2500 Introductory Oceanography/Lab/4 sem. hrs.** (OCE 350) 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.** The 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. The 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.

**OCES 4500 Directed Research Project I/1 sem. hrs.** Initiation of laboratory or field research in marine biology/ecology in consultation with an adviser.

**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. Formerly HUMN 231.

**PHIL 2300 Philosophical Issues/3 sem. hrs.** (HUM/HUMN 230) 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.** (HUM/HUMN 318) 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.** (HUM/HUMN 321) 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.** (HUM/HUMN 322) 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.** (HIST/HUMN /LGST/POL 333). 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.** (HIST/HUMN/LGST/POL 334) 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 3660 Philosophy of Law/3 sem. hrs.** (HUMN/LGST 366) 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 Studies students: PHIL 1300 or permission of instructor.

#### PHYSICAL SCIENCES (PHYS)

**PHYS 1020 Concepts in Physical Science/3 sem. hrs.** Interactions of the geosphere, hydrosphere and atmosphere are used as a means of exploring basic concepts in physical science. Emphasis is on scientific processes and skills with an equal mix of field experiences, readings, and class participation. **Prerequisite: MATH 1030.**

**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. **Course Prerequisites: BIOL 1500, BIOL 1510.**

**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.**

**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. **Prerequisites: MATH 1250.**

**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. **Prerequisites: MATH 2200 and PHYS 2400.**

**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.

#### 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 re-enroll for Special Topics covering differing content.

#### PSYCHOLOGY (PSYC)

**PSYC 1020 Introduction to Psychology/3 sem. hrs.** (BES 1018, COR 111, PSYC 101, 111, 201) 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.** (PSYC 364) 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.** (BES 350, PSYC 413) 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.** (BES 305, SOC 231, 331) 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, the 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.** (PSYC 202, 339) Developmental experiences of maturity. Physiological and psychological aspects of aging. **Prerequisite:** PSYC 1020.

**PSYC 2450 Forensic Psychology/3 sem. hrs.** (PSY 298) 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, about insanity, about sentencing, about committing people to psychiatric treatment against their will, about competency to manage one's own affairs, and about 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 division 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.** (HSC 302, PSY 302) 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 4920 and 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.** (PSYC 310) 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.** (PSY 440) 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.** (PSY 441) 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.

**PSYC 3450 Introduction to Interviewing and Counseling Techniques/3 sem. hrs.** (PSY 202, 346) 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.** (PSY 320, 451) 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 to 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 implementing these. 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 Addictions/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 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.

**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. (PSYC 471)** 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 world views 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. (PSY 496)** 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 presently 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/video tape 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. (PSY 340, 406)** 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 4100 Principles of Individual Counseling/3 sem. hrs.** This course covers the essential elements of individual counseling, with a specific focus upon substance abuse problems. Includes techniques for establishing rapport, overcoming client resistance, clarifying issues, problem solving, developing insights, and strengthening support systems. Experiential learning included.

**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. (PSY/BIO 461)** 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 division 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; 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. **Prerequisite:** completion of at least two courses within the substance abuse studies specialty and written consent of division 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. To enroll in this course, students must have 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. **Prerequisite:** PSYC 3000 and written consent of instructor and division director.

## 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, material, 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 3130 Teaching Music in Middle and Secondary School/3 sem. hrs.** Study of the fundamentals of music, contents of a music program, and special methods of teaching and using music in the secondary school curriculum. Development of teaching skills and analysis of materials, methods, and programs for teaching music in the secondary schools. Reading skills necessary for the use of appropriate materials in this content area will be identified.

**SECE 3140 Teaching Art in Middle and Secondary School/3 sem. hrs.** Contents and methods of teaching art in the secondary school. Problems in the selection of materials and the evaluation of activities as well as ideas and art projects will be included. Development of teaching skills and analysis of materials, methods, and programs for teaching art in secondary schools. Reading skills necessary for the use of appropriate materials in this content area will be identified.

**SECE 3150 Health and Physical Education in Middle and Secondary School/3 sem. hrs.** Curriculum, content, and methods in effective health education in the secondary school. Methods and materials for physical education. Development of teaching skills and analysis of materials and methods in programs for teaching health and physical education in the secondary schools.

**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 3200 Teaching Foreign Language in Middle and Secondary School/3 sem. hrs.** Content and methods of teaching foreign language in the secondary school. Language development and expression. Analysis of materials, methods, and programs for

teaching foreign language in the secondary school. Reading skills necessary for the use of appropriate materials in this content area will be identified.

**SECE 3220 Teaching Business in Middle and Secondary School/3 sem. hrs.** Teaching business subjects in the secondary school. Methods and materials, program development, evaluation techniques, resources, and teaching principles will all be discussed. 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. Instructor's approval required for registration.

**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 which highlights family strengths and attends to larger systems issues will be stressed.

**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, 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.** The 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. They examine 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. Formerly HIS 250.

**SOCL 2510 Social Problems/3 sem. hrs.** Focuses upon a number of contemporary social problems, analyzing causative factors and exploring alternative solutions. Examines the role of community services agencies in the amelioration of some of these problems. **Prerequisite is SOCL 2020 or CORE 2450.**

**SOCL 3020 Community Services Systems/3 sem. hrs.** (HCS 302) 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.** (HCS 303) 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, sexual and reproductive choices, and examines the cultural context in which values about sexuality and gendered roles within the family are formed.

**SOCL 3240 Women in the Workforce/3 sem. hrs.** This course will examine the concept of work and the historical and current role of women in the labor force from a comparative perspective, with special emphasis on the American experience. The objective of the course will be to provide a framework and methodology for understanding the role that gender has played in structuring both the work force and the work place through an analysis of some of the current key issues.

**SOCL 3300 Gender at Work/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 and political resistance, and the politics of AIDS.



**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. Domestic violence issues will also be covered. 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 and political resistance, and the politics of AIDS.

#### SPORTS AND WELLNESS (SPWS)

**SPWS 1200 Sports and Wellness Management/3 sem. hrs.** This course is a study of the responsibilities involved in the administration of sports and wellness programs. The course will examine the fundamental components of sports 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 Sports and Wellness/3 sem. hrs.** Sport is an immense and lucrative business enterprise. Our culture is permeated with an extremely large number of sporting activities, events and associations. Understanding the sport enterprise requires a knowledge of how sport developed within society. Students will examine 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.** A review of the legal considerations, responsibilities and liabilities of institutions and their personnel as related to sports and wellness. Includes an in-depth examination of sport and event management, personnel relations, and governmental regulation that impacts sport and wellness.

**SPWS 3300 Facility and Event Management/3 sem. hrs.** A study of guidelines and principles of managing events and facilities. Concepts in involving event logistics, critical planning techniques, negotiations and funding will be closely examined and discussed.

**SPWS 3400 Financing and Fundraising in Sport Management/3 sem. hrs.** This course reviews the basic concepts of financial management as it pertains to specific plans, ideas and concepts for sport Fundraising activities. Specific fundraising techniques and tactics will be studied. Public relations, promotion and publicity will also be examined.

**SPWS 4200 Sport and Wellness in our Social Institutions/3 sem. hrs.** This course is the study of sport in our social institutions from a social perspective. The place of sport in community-based programs, our

commercial culture and our educational system will be emphasized. Arguments for and against the inclusion of sports in our social institutions will be made. Special emphasis will be on sport and social mobility.

**SPWS 4300 Sport, Wellness and Diversity/3 sem. hrs.** The study of sport from the perspective of diversity as manifested in race, gender, religion, nationalism and philosophy. These factors will be related to the growth, development and current status of the sport experience.

**SPWS 4400 Sport and Wellness Administration/3 sem. hrs.** Sport and wellness administration focuses on the specific details involved in administering sport and wellness programs. Areas such as insurance, ticketing, personnel evaluation and others will be discussed. Specific logistical problems will be examined in depth.

**SPWS 4500 Sport Marketing/3 sem. hrs.** A study of public attitudes as it relates to the marketing of sport. Demographics, market research instruments and public relations will be examined. An integrated approach to marketing that explores the various media outlets will be utilized.

**SPWS 4800 Practicum/Field Experience I/3 sem. hrs.** This course 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.** This course 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.** (COM 105, 1058, COR 134, CS 111, CAP 111) Introduction to technology for the computer user in the information age. Principles of computer operation, word processing, spreadsheets, data base and telecommunications are covered. The impact of technology on society and related cultural issues will be addressed as a major theme during the course with selected use of on-line communication, uploading, downloading, and electronic research. The focus is hands-on experience with microcomputers, the Internet, and specialized software.

**TECH 2130 Business Applications of Micro-computers/3 sem. hrs.** (CS 113, CAP 113, CAP 213) 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, TECH 1110. Identical to BUSS 2130.

**TECH 2150 Introduction to Internet Resources/3 sem. hrs.** (CAP 215) 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 'Home Pages.' Emphasis is on extensive use of Internet tools for accessing resources for all academic disciplines. **Prerequisite:** TECH 1110 or permission of department.

**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 3510.

**TECH 3530 Multimedia Technology for Educators/3 sem. hrs.** Students learn theories and Interactive Techniques to use Presentation Graphics, Multimedia, and Hypermedia programs as teachers to create presentations and/or lessons to enhance the curriculum in the various content areas. They learn how to utilize appropriate packages to teach their students how to create their own portfolios and/or presentations to enhance creativity and meet the expanding needs of the students in the 21st century. **Prerequisite:** EDUC 3510.

**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 the most current methodologies to utilize 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 the 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 it is appropriate. **Prerequisites:** TECH 3520.

**ESOL (TPEP)**  
(For teacher education students only)

**TPEP 4900 Survey of Teaching English to Speakers of Other Languages - Seminar/3 sem. hrs.** An overview of the required components for the E.S.O.L. Add-On Endorsement, including the Florida Performance Standards and Program Design Matrices which are used to verify the attainment of specified competencies. An elective offered for school district personnel who need to meet specific district requirements.

**TPEP 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.

**TPEP 4902 ESOL Curriculum and Materials Development/3 sem. hrs.** Participants will learn how to design various models of appropriate ESOL curricula for K-12, 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.

**TPEP 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.

**TPEP 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 PEP 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 PEP students with special needs.

**TPEP 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. **Prerequisites:** TPEP 4910, TPEP 4902, TPEP 4903, TPEP 4904, ESOL 4901, ESOL 4902, ESOL 4903, ESOL 4904.

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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.

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## **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 Osteopathy (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 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 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:  
Applied Addiction Studies  
Applied Gerontology and Administration  
Child and Youth Care Administration  
Coastal Zone Management  
Computer Information Systems  
Computer Science  
Computing Technology in Education  
Dispute Resolution  
Early Childhood Education Administration  
Education  
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

Exceptional Education

General Studies

Hospitality Management

Legal Assistant Studies

Legal Studies (prelaw)

Life Science (premedical)

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.

## **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 maintains 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 6 to 8 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 number. 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, a student generally must:

1. Be a U.S. citizen, permanent resident, 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 his or her course 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; and
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 advisor, 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 contents 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 governments are members of the president's Student Advisory Committee, which meet 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;



- a scrupulous respect for the equal rights and dignity of others; and
- 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:

- plagiarism;
- any form of cheating;
- conspiracy to commit academic dishonesty;
- misrepresentation;
- bribery in an attempt to gain an academic advantage;
- forging or altering documents or credentials; and
- 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:

- theft;
- vandalism;
- disruptive behavior;
- possession or use of firearms, fireworks, explosives, or other dangerous substances or items;
- possession, transfer, sale, or use of illicit drugs;
- 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*.

### Drug-Free Schools and Campuses

In order to comply with the Drug-Free Schools and Communities Act (Pub. L. No. 101-226, Title 34 C.F.R., part 86), Nova Southeastern University has adopted the following policy for all workplace, school, campus, and field-based programs.

The unlawful manufacture, distribution, dispensation, possession, or use of illicit drugs and the abuse of alcohol are prohibited in and on Nova Southeastern University-owned or controlled property and as a part of any of its activities. No Nova Southeastern University employee or student is to report to work or school while under the influence of illicit drugs or alcohol.

For more detailed information on this policy, 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 present 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.

### **REFUND POLICY**

Students have three working days from the date of signing an enrollment contract or financial agreement with the university to cancel the contract and receive a full refund of any tuition and registration fees paid. Further, a student shall receive a full refund of tuition and registration fees paid prior to the commencement of instruction if the student submits a written request to the institution within three working days of the payment. Refund schedules for tuition and fees after the commencement of instruction may be found in the appropriate center or program catalog.

### **COMMUNICABLE DISEASES POLICY**

It is the intent of the University to protect students and employees from exposure to communicable diseases that pose a 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 overtures 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; or

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; or

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.

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