Nova College 1990-91 Catalog

Nova University

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Nova College
1990-91 Catalog

James M. Farquhar
Center for Undergraduate Studies
Policies and programs set forth herein are effective through June, 1990. The regulations and requirements herein, including fees, are necessarily subject to change without notice at any time at the discretion of the Nova University Administration.

Nova University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, educational specialist, and doctoral degrees. Nova University admits students of any race, color, and national or ethnic origin.

Nova University is a member of the American Association of Colleges for Teacher Education.
Now in its third decade, Nova University is beginning to see the impact that its graduates are having on the institutions within our society. Many of the University's programs are mission-oriented, designed to improve the performance of professionals, and evidence is being collected that indicates that Nova alumni are having a strong, positive effect on the institutions in which they are employed.

Independent education must continue to be responsive and adaptable to the varying needs of potential students if it is to represent a true alternative to the tax-supported sector. Nova University is committed to maintaining quality while it is meeting these needs.

Abraham S. Fischler
President, Nova University
## ACADEMIC CALENDAR

### FALL 1990

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>Jul 30-Aug 20</td>
</tr>
<tr>
<td>Late Registration</td>
<td>After Aug 20</td>
</tr>
<tr>
<td>New Student Orientation</td>
<td>Aug 20-24</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Aug 27</td>
</tr>
<tr>
<td>Change of Registration</td>
<td>Aug 28-Sep 1</td>
</tr>
<tr>
<td>LABOR DAY - University Closed</td>
<td>Sep 3</td>
</tr>
<tr>
<td>Rosh Hashanah - No Evenings</td>
<td>Sep 19</td>
</tr>
<tr>
<td>Yom Kippur - No Evenings</td>
<td>Sep 20</td>
</tr>
<tr>
<td>End of Withdrawal</td>
<td>Oct 1</td>
</tr>
<tr>
<td>Classes End</td>
<td>Oct 19</td>
</tr>
<tr>
<td>Registration</td>
<td>Sep 24-Oct 15</td>
</tr>
<tr>
<td>Late Registration</td>
<td>After Oct 15</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Oct 22</td>
</tr>
<tr>
<td>Change of Registration</td>
<td>Oct 23-27</td>
</tr>
<tr>
<td>Thanksgiving Holiday - University Closed</td>
<td>Nov 22-24</td>
</tr>
<tr>
<td>End of Withdrawal</td>
<td>Dec 1</td>
</tr>
<tr>
<td>Classes End</td>
<td>Dec 22</td>
</tr>
</tbody>
</table>

### WINTER 1991

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>Nov 26-Dec 29</td>
</tr>
<tr>
<td>Late Registration</td>
<td>After Dec 29</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Jan 7</td>
</tr>
<tr>
<td>Change of Registration</td>
<td>Jan 8-13</td>
</tr>
<tr>
<td>Martin Luther King Day - University Closed</td>
<td>Jan 14</td>
</tr>
<tr>
<td>End of Withdrawal</td>
<td>Feb 13</td>
</tr>
<tr>
<td>Classes End</td>
<td>Mar 1</td>
</tr>
<tr>
<td>Registration</td>
<td>Jan 28-Feb 26</td>
</tr>
<tr>
<td>Late Registration</td>
<td>After Feb 26</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Mar 4</td>
</tr>
<tr>
<td>Change of Registration</td>
<td>Mar 5-10</td>
</tr>
<tr>
<td>Spring Break</td>
<td>Mar 25-29</td>
</tr>
<tr>
<td>Good Friday - University Closed</td>
<td>Mar 29</td>
</tr>
<tr>
<td>End of Withdrawal</td>
<td>Apr 16</td>
</tr>
<tr>
<td>(prior to 7th or 15th week)</td>
<td>May 2</td>
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</table>

### SPRING/SUMMER 1991

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td>Apr 8-29</td>
</tr>
<tr>
<td>Late Registration</td>
<td>Apr 1-22</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Apr 29</td>
</tr>
<tr>
<td>Change of Registration</td>
<td>Apr 30-May 4</td>
</tr>
<tr>
<td>Memorial Day - University Closed</td>
<td>May 27</td>
</tr>
<tr>
<td>End of Withdrawal</td>
<td>Jun 14</td>
</tr>
<tr>
<td>(prior to 7th week)</td>
<td>Jun 24</td>
</tr>
<tr>
<td>Classes End</td>
<td>Jun 28</td>
</tr>
<tr>
<td>Independence Day - University Closed</td>
<td>Jul 4</td>
</tr>
<tr>
<td>Registration</td>
<td>Jul 21-Jun 18</td>
</tr>
<tr>
<td>Late Registration</td>
<td>Jul 4</td>
</tr>
<tr>
<td>Classes Begin</td>
<td>Jun 25</td>
</tr>
<tr>
<td>Change of Registration</td>
<td>Jun 26-Jul 1</td>
</tr>
<tr>
<td>End of Withdrawal</td>
<td>Aug 3</td>
</tr>
<tr>
<td>(prior to 7th week)</td>
<td>Aug 22</td>
</tr>
</tbody>
</table>

### Registration Dates

- Professional/Career Computer Science Program
  - Registration: Nov 26-Dec 29
  - Late Registration: After Dec 29
- Liberal Studies Development & Engineering Program
  - Registration: Jan 7
  - Late Registration: Jan 14
- University Closed
  - Classes Begin: Jan 28-Feb 23
  - Change of Registration: Mar 10-15
  - End of Withdrawal: May 12
- Classes Begin
  - Classes Begin: May 24
- Change of Registration
  - Classes Begin: May 7-11
- End of Withdrawal
  - Classes Begin: Jun 10
- Independence Day - University Closed
  - Registration: May 21-Jun 18
- Late Registration
  - Classes Begin: Jun 25
- Change of Registration
  - Classes Begin: Jun 26-Jul 1
- End of Withdrawal
  - Classes Begin: Jul 19

### End of Withdrawal Dates

- Professional/Career Computer Science Program
  - End of Withdrawal:Jun 14
- Liberal Studies Development & Engineering Program
  - End of Withdrawal: May 30
- University Closed
  - Classes Begin: Jun 21
- Change of Registration
  - Classes Begin: Jun 26
- End of Withdrawal
  - Classes Begin: Jul 15

### Special Dates

- Labor Day - University Closed: Sep 3
- Rosh Hashanah - No Evenings: Sep 20
- Yom Kippur - No Evenings: Sep 29
- End of Withdrawal (prior to 7th week): Oct 1
- Classes End: Oct 19
- Classes End: Dec 14
- Classes End: Dec 22
- Classes End: Aug 22

### University Closed

- Labor Day - University Closed: Sep 3
- Rosh Hashanah - No Evenings: Sep 20
- Yom Kippur - No Evenings: Sep 29
- Classes End: Oct 19
- Classes End: Dec 14
- Classes End: Aug 22
NOVA UNIVERSITY
MISSION

Nova University's centers and programs share a common mission - to educate students for leadership roles in a variety of professions, such as law, education, psychology, business and public administration, international studies, oceanography, and computer and information science. In the Nova University educational continuum, preprofessional training begins as early as The University School, continues through the college level, and culminates in the various graduate centers for professional studies. Through the Nova University Education Plan, students master appropriate skills and disciplines at each academic level, develop a sense of professional ethics and responsibility, and learn to appreciate the role of the professional as a key individual in society.

“The Nova Plan” stresses the critical relationship between theory and practice; it reinforces and tests the classroom experience through applied research and community service as integral parts of academic experience. Consistent with its mission, Nova University extends its resources to provide educational opportunities to working professionals nationwide, with faculty teaching at corporate and other locations across the country. Nova also delivers programs through a variety of educational technologies, including telecommunications. Nova University is committed to the idea that education should not be timebound or placebound. Through its educational offerings, research projects and programs of public service, the University encourages the free exchange of ideas and the search for knowledge that is the cornerstone of the academic tradition.

NOVA COLLEGE
MISSION

As part of Nova University, Nova College is known for its innovative educational mission. Nova is not just another college. It was selected in 1981 as one of 18 universities and colleges in the country to participate in a three-year project at the University of Chicago on Quality in Non-traditional Education. In 1987 Nova College entered into a cooperative arrangement with the state of Florida to develop a liberal studies program to provide a coherent and integrated curriculum of interdisciplinary studies.

Nova College provides quality education leading to the Bachelor of Science degree. Studies at Nova College 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, and science, mathematics, and technology. Moreover, students will specialize in a preferred area of concentration, preparing them to enter or advance in careers or to 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 Nova, students will have the advantage of studying at a major University with nationally recognized graduate programs and research. Eligible Nova College graduates will have the opportunity to move directly into Nova'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 acquire the skills, knowledge and understanding necessary to excel in a rapidly changing international, intercultural and technological society.

ORGANIZATION

Professional Studies

The Professional Studies Program is concerned with providing recent high school graduates a quality education leading to the bachelor of science degree. Students enroll in a required core of interdisciplinary courses that range from those with heavy emphasis on effective writing and communication to those that require study and experience in fundamental and related issues of several areas in the liberal arts. This core program is intended to produce students who think clearly, communicate effectively, understand new technology and ideas, and solve problems efficiently. Equally important, students study and work in major fields that prepare them to enter or continue with graduate studies. Students have the opportunity for instruction and guidance from faculty in graduate centers of Nova University in the areas of business, education, behavioral sciences, law, science, and computer science. Also, students are encouraged to study independently with experts in their chosen fields either in academic settings or through intern experiences in the “real world.” This unique programming is made possible through continued guidance and individualized attention by a professional staff committed to optimal achievement by each student enrolled.
**Liberal Studies Program**

The Liberal Studies Program is an innovative four-year program, engaging students in an integrated curriculum of core studies, organized around interdisciplinary themes. Students and faculty focus on one thematic area for a nine-week period, enabling a more flexible, creative use of the student’s time and energy. Each of the areas of the core studies will be taught by faculty teams from a number of academic disciplines, providing a more coherent context for studying and analyzing problems of significant intellectual and social concern. In the first year, students will also spend time developing competence in mathematics and composition; in the second year, they will begin their major and continue the core studies; and in the final years they will complete their major.

In preparing to meet Nova College’s competency expectations in writing and math, students use new technologies permitting self-paced learning, self-assessment programs, and ready access to faculty when problems arise.

The student in the Liberal Studies Program will understand how the Behavioral and Social Sciences, Humanities and Arts, and Sciences and Technology enable them to create a larger social and philosophical meaning for their career and life. The Liberal Studies Program challenges students with the fundamental questions of living, and inspires them to cultivate a life of intellectual integrity, personal concern, and social responsibility.

**Career Development Program**

The Career Development Programs of Nova College have been designed for adults. Courses are offered in the evenings and on weekends on campus and at institutional, industrial, and other off-campus locations convenient to the student. 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 2,500 students currently enrolled in the Career Development Program 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 own future education.

**UNDERGRADUATE DEGREE**

Nova University awards one undergraduate degree, the bachelor of science degree. A student can earn only one undergraduate degree and one diploma from Nova University. The diploma indicates the student has earned a bachelor of science degree; it does not indicate the major. The academic transcript, the official record of work at Nova University, indicates degree earned, major field of study, and specialty if any.

**INSTITUTE FOR RETIRED PROFESSIONALS**

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

Modeled after the highly successful IRP at the New School for Social Research in New York City, Nova’s IRP 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 May, followed by a summer session of 4-6 weeks. Two different classes meet each day; one from 10:00 A.M. to 11:30 A.M. and the other from 12:30 P.M. to 2:00 P.M.

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

**Lecture Series and Workshops.** Members attend lecture courses and workshops conducted by Nova University faculty and other experts exclusively for IRP members.

**Field Trips, Social Gatherings, and Special Events.** IRP members enjoy travel! Day field trips, weekends, and week-long jaunts are planned by a committee. Some recent visits 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 carried out by members.
Summer Program. Each year a summer study program is designed to meet the needs of the membership. In addition, a travel/study experience abroad is part of the program. Recent trips over the past several summers included a study group to Israel and Egypt as well as travel to China and the Soviet Union.

Additional printed information is available about the IRP.

INTENSIVE LANGUAGE PROGRAM

The Intensive Language Program provides students with intensive language programs in English and Spanish.

The Intensive Language Program emphasizes the acquisition of English language skills; bringing students from their current level of fluency to college entrance level in grammar, writing, reading comprehension, speaking, and listening. The program is divided into five skill levels from Basic, which requires no previous knowledge of English, through Level IV which is transitional between intensive English and the first year of college. The program includes prescriptive laboratory instruction utilizing language tapes, video cassettes, and computer software. Cultural studies are integrated throughout the curriculum. Students graduating from the program are awarded a certificate.

Entrance requirements for Intensive English Program:

1. Minimum age of 17 years
2. A high school diploma or its equivalent

The Spanish Language Program is oriented toward the need of adults desiring a practical knowledge of the Spanish language. This program is offered on a demand basis.

Entrance requirements for Spanish Language Program:

1. Minimum age of 18 years

The program is approved by the U.S. Department of Immigration and Naturalization to issue the I-20 student visa application. The I-20 is issued to a prospective student only if the student meets the program entrance requirements, has submitted the required deposit of $200, and has sent a letter of financial responsibility from his or her bank or the bank of a parent or sponsor.

Fees: The application fee is $245 and is not refundable. $100 of this will be applied toward the first term’s tuition if the student matriculates.

| Registration Fee: | $25.00 per term |
| Testing Fee: | $20.00 per term |
| Tuition: | $1525.00 per term |
| Student Activity Fee: | $25.00 per term |
| Computer Lab Fee: | $10.00 per term |

RESOURCES

The administrative offices for Nova College are located in the Parker Building, 3301 College Avenue, Fort Lauderdale, 33314. The telephone number for the main campus is 305-475-7360, or 1-800-541-6682.

Campus and Off-Campus Locations

The main campus of Nova University, including the main campus of Nova College, is southwest of Fort Lauderdale, Florida, approximately ten miles inland from the Atlantic Ocean and is easily accessible from major U.S. and state highways, including I-95 and Florida's Turnpike. The Shepard Broad Center for the Study of Law is in the Leo Goodwin, Sr. Law Building at 3100 S.W. 9th Avenue near downtown Fort Lauderdale. The Oceanographic Center is located on the south side of the marine entrance to Port Everglades at 8000 North Ocean Drive, Dania, Florida.

Libraries

Nova University provides appropriate learning resources at each of its academic centers. In addition, many resources within the broader community are utilized to enrich the learning environment of the students.

The Einstein Library contains a collection of books and journals in the disciplines of the behavioral sciences, education, public administration, computer sciences, business administration, public communications, and the humanities. This facility also includes individual study carrels, a media room and microform readers. The card catalog is on compact disc, as well as a dozen specialized indexes and reference materials.

The William Springer Richardson Library housed at the Port Everglades site of the Oceanographic Center, contains a specialized collection of books
and periodicals related to research in physical, biological and chemical oceanography.

The Law Library is housed in the Leo Goodwin, Sr. Law Building. The library collection, with over 250,000 volume equivalents, contains the standard materials required for legal study and research: English, American, and state periodicals, treatises, and loose leaf services. In addition to this basic collection, the library includes extensive materials in the area of taxation, land use planning, and international law. It is one of the few collections designated as a depository for United Nations documents. The Law Center also houses a majority of the United States Government documents that are deposited with Nova University.

The combined holdings of the University library system contain extensive collections in the law, business, computer sciences and psychology. Through computer terminals, the Nova libraries are connected with the DIALOG Information Retrieval System as well as OCLC and other national databases.

Through special cooperative arrangements, Nova University students have access to other libraries in the South Florida Educational Complex. In support of maximum interchange of community educational resources, Nova University also maintains cooperative arrangements with other academic libraries in the area, including the Professional Library of the Broward County Public Schools.

Computing and Laboratory Facilities

Laboratory experiences are available in electronics, computer science and engineering, as well as in general physics and life science.

An "ethernet" Computer Network connecting 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.

Learning Resource Center

The Learning Resource Center provides students with qualified, individual help in a number of academic areas such as math, statistics, accounting, reading, and English. Students who are writing a paper and need help with planning, organization, documentation, grammar, or punctuation can work with a tutor. Other services include CAI, practice tests for the math competency, diagnostic tests, and personalized programs for improvement. The Learning Resource Center can also help students with improving their study skills: reading a textbook, taking notes on a lecture, and test-taking.

Books

Books should be picked up before the first class. The local bookstore carrying required textbooks is:

Nova Books, Inc
6508 S.W. 39th Street
Davie, Florida 33314
Phone: 583-5860

MEMBERSHIP

Nova 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, and 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

Nova University is accredited by the Commission on College of the Southern Association of Colleges and Schools to award bachelor's, master's, educational specialist, and doctoral degrees. Nova University admits students of any race, color, and national or ethnic origin. Courses in education have program approval by the Florida Department of Education.

HOUSING

Five-story and three-story buildings of attractively furnished units provide space to accommodate most full-time students. The one-bedroom/one-bath, two-bedroom/one-bath, and two-bedroom/two-bath units come equipped with a functionally designed kitchen, custom bookshelves and desks, spacious closets, wall-to-wall carpeting, ceramic tile bath with tub-shower, and TV and phone outlets. Unfurnished units are available upon request.
Each apartment has separate bedroom and living room areas, individually controlled air conditioning and heating, daily mail service, and 24-hour security. Coin operated laundry facilities are available. Nova University is close to major shopping centers and within walking distance of supermarkets, restaurants, fast-food chains, and many stores and services.

Housing rates are per trimester per person including air conditioning and utilities. For further information about student housing, call or write to the Office of Student Housing, 305-475-7052.

COOPERATIVE EDUCATION PROGRAM

Cooperative Education is a program that combines professional experience with academic study. Cooperative Education students alternate trimesters at Nova with trimesters of work in a professional assignment that is related to their field of study. This program offers students additional preparation for their future careers in industry and business.

To be eligible for participation in the Cooperative Education Program a student must have—

1. completed 45 semester hours of credit including transfer credit
2. earned a CQPA of 2.5 or higher, and
3. completed specific required courses in his/her major as specified by the program office.

Participation in the Cooperative Education Program has many advantages. In addition to receiving a salary, the Cooperative Education students will—

1. have an opportunity to utilize classroom knowledge in a professional work environment,
2. have a chance to observe professionals at work in their chosen field,
3. be able to test their career decision to make sure they are in the right field,
4. develop work profiles that will enable them to get good jobs upon graduation, and
5. be given opportunities to receive academic credit for their co-op experience.

For further information, contact the Cooperative Education office at 476-1962 or stop by Parker 204.
other users' right to privacy. Users should use their computer accounts and university computer resources for authorized purposes only.

**Referencing the Works of Another Author**

All academic work submitted to Nova University for credit or as partial fulfillment of course requirements must adhere to the accepted rules of documentation. Standards of scholarship require that proper acknowledgement be given by the writer when the thoughts and words of another author are used. It is recommended that students acquire a style manual appropriate to their program of study and become familiar with accepted scholarly and editorial practice.

**Student Conduct**

Students are expected to comply with the legal and ethical standards of the institution. Academic dishonesty and/or nonacademic misconduct will result in disciplinary action. Specific instances of dishonesty include, but are not limited to, cheating, plagiarism, knowingly furnishing false information to the institution, and forging or altering institution documents and/or academic credentials.

The institution reserves the right to require a student to withdraw at any time for misconduct or dishonesty. It also reserves the right to impose probation or suspension on a student whose conduct is determined to be unsatisfactory.

**Disruptive Behavior**

Students engaging in behavior that threatens disorder, public disturbances, danger to themselves and/or others, or property damage in University controlled buildings, areas, or at any University events will be subject to disciplinary action.

**Grievance**

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. Students are urged to review the printed document, "Procedures on Student Rights and Grievances," which is available at the Advising Center.

**Privacy of Records**

Nova University maintains a system of records which includes application forms, letters of recommendation, 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 registrar's office. However, the registrar's office will not release transcripts of students' academic records until all their accounts, both academic and non-academic, 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) dates of attendance; (c) degree and awards received. Requests for such information must be submitted in writing to the registrar.

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 Registrar in writing prior to the beginning of the college 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 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 United States Department of Education.

The Nova University general policies on student relations are on file in the Office of the Registrar.

**REQUIREMENTS FOR GRADUATION**

All degree-seeking students must complete the minimum credits as designated for the chosen major plus the following requirements:

1. Admission as a degree-seeking candidate in one of the majors;
2. Completion of general distribution, core, specialty, and elective requirements as specified by the major program;
3. Completion of major requirements as specified;
4. Attainment of a 2.00 Cumulative Quality Point Average;
5. Attainment of a 2.25 Quality Point Average in the major area;
6. Completion, at Nova College, of at least 30 credits (not including CLEP, Proficiency Examination, or Experiential Learning credits);
7. Completion of at least 50% of the credits in the major area and specialty at Nova (not including CLEP, Proficiency Examination, or Experiential Learning credits);
8. Submission of a graduation form and payment of the diploma fee prior to completing registration for the last term;
9. Fulfillment of all obligations to the library, the student's program, and the Comptroller's Office.

Graduation With Honors

A graduating student with a Cumulative Quality Point Average of 3.80 or higher who has completed at least 54 credits at Nova is eligible to receive the degree "with distinction."

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

Commencement

A ceremony is held once a year (usually in June) for all Nova University students who have completed graduation requirements within the academic year. In order to participate, students must file a graduation application. There is an additional fee for rental of the cap and gown.
Applicants are required to —

1. Submit a completed application form and the $30 nonrefundable application fee to:
   Nova University
   Office of Undergraduate Admissions
   3301 College Avenue
   Fort Lauderdale, Florida 33314

2. Submit official high school or college transcript(s)
   (proof of high school graduation is required),

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

4. Submit one of the following test scores:
   - Scholastic Aptitude Test (SAT)
   - American College Test (ACT),

5. Submit two letters of recommendation indicating the applicant’s academic aptitude and motivation (optional).

**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.

As an international student, you must —

1. Submit all secondary school and college level transcripts. Transcripts must be an official English language translation (this applies to transcripts that are not already in English). Applicants must have the equivalent of an American high school diploma.

2. Achieve a score of 500 or higher on the TOEFL exam or 400 on the SAT (verbal section). If you do not achieve the required score, you may wish to enroll in Nova University’s Intensive Language Program.

3. Submit a letter from a financial institution indicating that you are able to meet all costs of your education without financial aid from Nova University. The minimum amount is determined by the budget prepared by the Nova University Office of Student Financial Planning and Resources. A notarized letter from a sponsor is required if you are sponsored by a public or private organization or an individual. The financial guarantee must include provisions for any dependents who will be residing in the United States with you.

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

After all of the above information is received and you are accepted, an acceptance letter will be sent to you. An I-20 will be issued after we receive a $200 tuition deposit.

If Nova College students need intensive English study prior to enrollment in regular classes, they should apply for admission to the Intensive Language Program at Nova University, 1-800-541-6682, extension 7430. An I-20 can be issued after acceptance requirements are met and a $200 tuition deposit is received.
FINANCES AND STUDENT AID

TUITION AND FEE SCHEDULE FOR 1990-91*

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application fee (nonrefundable)</td>
<td>$30.00</td>
</tr>
<tr>
<td>Registration fee (nonrefundable)</td>
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</tr>
<tr>
<td>Late registration fee (nonrefundable)</td>
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<tr>
<td>Tuition Deferment Fee</td>
<td>$50.00</td>
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<tr>
<td>Professional Studies Program tuition*</td>
<td>$210.00</td>
</tr>
<tr>
<td>(per credit hour)</td>
<td></td>
</tr>
<tr>
<td>(per semester, 15 credit hours)</td>
<td>$3150.00</td>
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<tr>
<td>Liberal Studies Program tuition, non-Florida</td>
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<tr>
<td>residents* (per credit hour)</td>
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</tr>
<tr>
<td>(per semester, 18 credit hours)</td>
<td>$3780.00</td>
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<td>Liberal Studies Program tuition, Florida</td>
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<tr>
<td>residents** (per credit hour)</td>
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</tr>
<tr>
<td>(per semester, 18 credit hours)</td>
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<tr>
<td>Graduation Fee</td>
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<tr>
<td>Laboratory Fee (for computer courses)</td>
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<tr>
<td>Materials Fee - variable where applicable</td>
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<tr>
<td>Student Activities Fee (per semester)</td>
<td>$50.00</td>
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<tr>
<td>Student Services Fee (per semester)</td>
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<tr>
<td>Orientation Fee</td>
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<tr>
<td>Transcript Fee</td>
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<tr>
<td>Credit by Examination (3 credits)</td>
<td>$125.00</td>
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<tr>
<td>Cap and Gown rental - fee assessed at time of graduation</td>
<td></td>
</tr>
</tbody>
</table>

* 1990-91 tuition and fees are subject to Board of Trustees approval.
** Based on anticipated State of Florida tuition schedules.

NOTE: All Liberal Studies students are required to own a personal computer and telecommunications equipment (modem), and designated software.

REGISTRATION

Each term at Nova has a designated registration period. Any student who completes registration after the close of the official registration period will be assessed a late fee.

To register in person, submit your completed registration form to the Registrar’s Office, Parker Building, third floor. The office is open Mondays through Thursdays 8:30 a.m. to 7:00 p.m., Fridays 8:30 a.m. to 6:00 p.m., and Saturdays 8:30 a.m. to 1:00 p.m. Tuition and fees must be paid at the time of registration to the Accounts Receivable Office, Parker Building, third floor. Accounts Receivable is open Monday through Thursday 8:30 a.m. to 7:00 p.m., Friday 8:30 a.m. to 6:00 p.m. and Saturday 9:00 a.m. to 12:00 p.m. The registration form with payment for tuition and fees may also be mailed to the Registrar’s Office, Nova University, 3301 College Avenue, Fort Lauderdale, Florida 33314.

PAYMENT POLICY

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

Students receiving financial aid are allowed to consider amounts of loans and other aid, as shown on their official award letter, 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. A copy of the official award letter must be returned with the registration form.

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 post-dated 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 $50.00 fee for this option; this fee and other charges (excluding tuition) must be paid at the time of registration.

Full-time undergraduates may also elect to pay in three installments: 50% at registration, 25% sixty days after registration and 25% ninety days after registration. Post dated checks or credit card authorizations for the two later payments must be provided at the time of registration, along with the $50.00 fee for this option.
Change of Registration

The Change of Registration Period is the first two weeks of a term. A student may drop a course during the first two weeks of the course by submitting a Change of Registration form, available in the Registrar's Office. A mailed written statement must be received during the first two weeks of the course. A course dropped in this manner will not appear on the student's record. Such a drop may qualify the student for a refund if the process described below is followed. To withdraw from a course after the Change of Registration Period, see Withdrawal Policy, page 38. Written permission must be received from the instructor or program advisor to add a course after the course has already begun.

Refunds

Fees other than tuition are not refundable. Students who wish to receive a refund of tuition upon withdrawal from a course must complete an official change of registration form. Withdrawal (see Withdrawal Policy, page 38 in itself) is not a reason for an automatic refund. When a refund is granted, the following schedule applies:

For a 100% refund: notice of drop in writing must be received by the Registrar before the first class meeting.

For a 75% refund: notice of drop in writing must be received before the second week of class meetings, regardless of class attendance.

For a 50% refund: notice of drop in writing must be received before the third week of class meetings, regardless of class attendance.

No refunds will be granted after the third week of class meetings, regardless of class attendance.

Refunds will be based on the postmark date of written notification, not on the last date of attendance.

Exceptional Circumstances

Refunds or credits to your account for exceptional circumstances after the first day of class will be considered only when the following terms are satisfied:

1. MEDICAL - A doctor's explanation should be submitted indicating why you should not continue in class or why your school load should be decreased. Dates of illness are required to determine if this illness occurred during the term. For a hospital stay, receipts (with dates) must be provided.

2. EMPLOYMENT EMERGENCY - A letter from the Personnel Office of your employer should be submitted stating dates and reasons you were unable to attend.

3. Other reasons must be supported by a written explanation of why you were unable to attend. Dates and receipts, if appropriate, must be included. Each situation will be handled on an individual basis.

It is the responsibility of the student to provide the necessary documentation to the Director of Student Affairs who will then approve or disapprove the request and submit it to the Registrar's Office.

If a 100% refund or credit is granted, the course or courses will be removed from the student's record.

INTERRUPTION OF STUDIES

A student who enrols at Nova University has the option of graduating by meeting the program requirements in the University catalog that was in effect when the student entered or when he/she graduates. When there is a major break in attendance (one calendar year from end of last term enrolled) the student will then meet the requirements of the catalog in effect when he/she returns or graduates, or as agreed upon by the academic program director and the student.

STUDENT FINANCIAL ASSISTANCE 1990-91

The Office of Student Financial Aid administers the University's financial aid programs of grants, loans, scholarships and student employment. In addition, professional financial planning counselors can help students plan for the most efficient use of their financial resources for education.

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

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

A student must be a U.S. citizen or be in the United States for other than temporary purposes, and must be enrolled at least half-time (6 hours per semester) in a degree-seeking program in order to receive financial assistance.
A prospective student who will require financial aid in order to attend the University should apply for financial assistance while a candidate for admission. Students must complete the University's Financial Aid Application, and submit the Financial Aid Form (FAF) to the College Scholarship Service (CSS) 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, whether or not funds were received previously. In awarding available funds, preference is given to students who file their applications by the priority deadline date. Generally, full-time students must earn 24 credits each academic year and maintain a cumulative G.P.A. of 2.0 or higher in order to qualify for renewal of financial assistance.

The following is a brief, general description of the major financial assistance programs available through the Office of Student Financial Planning and Resources.

**FEDERAL PROGRAMS**

**Pell Grant** The Pell Grant program provides federal grant aid to needy undergraduate students who are enrolled at least half time (6 credits per term). Awards range from $200 to $2200 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 base on which all other aid is awarded.

**Supplemental Education Opportunity Grant (SEOG)** The SEOG program provides additional grant assistance to needy undergraduate students. Funds are limited, and priority is given to full-time students who meet the April 1st deadline.

**Stafford Guaranteed Student Loans (GSL)** The Guaranteed Student Loan 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 8%. For students who borrow their first GSL after July 1, 1988, the interest rate will rise to 10% during the fifth year of repayment. Freshmen and sophomores can borrow up to $2625 per year; juniors and seniors may receive up to $4000 per year. Repayment begins six months after the student is no longer enrolled at least half time.

**Perkins Loans (NDSL)** This program offers long-term, 5% interest loans to students who are enrolled at least half time. Eligibility is based on financial need. Repayment begins nine months after the student is no longer enrolled at least half time. Priority is given to students who meet the April 1st deadline.

**Supplemental Loans for Students/Loans for Parents (SLS/PLUS)** This provides non-need-based loans to independent students and parents of dependent students. The annual maximum loan limit is $4000. Repayment begins 30 to 60 days after disbursement of the loan; however, payments may be deferred while the student is enrolled full time. The interest rate is variable but will not exceed 12%.

**College Workstudy (CWS)** Part-time jobs on campus are available for needy students through the CWS program. Generally, students work 15 to 20 hours per week. The rate of pay varies according to the job.

**STATE PROGRAMS**

**Florida Tuition Voucher Fund (FTV)** Full-time Professional Studies students may receive up to $1150 per year to offset the cost of tuition and fees, regardless of financial need. Students must be one-year Florida residents to qualify. A separate application form is required.

**Florida Student Assistance Grant (FSAG)** FSAG provides grants of up to $1,300 to needy undergraduates. Students must be enrolled full time, be one-year Florida residents, and meet the April 1st deadline.
Florida Undergraduate Scholars Fund The Academic Scholars program rewards outstanding high school achievement by offering scholarships of up to $2500 per year. Students must be Florida residents and must be enrolled full time. These awards are renewable provided the student maintains a 3.2 grade point average. A separate application, available from Florida high schools or the Nova Office of Student Financial Planning and Resources, is required.

Florida Teacher Scholarship/Loan Students who are enrolled as juniors or seniors in a teacher education program and majoring in a critical teacher shortage area are eligible to apply for this program. The maximum Scholarship/Loan award is $4,000 per year for up to two years. Students who teach full time after graduation in a Florida school, will not be required to repay the loan. Students who do not meet these requirements will repay the loan at the designated interest rate. The absolute deadline is April 1st. A separate application form is required. SAT or ACT scores must be on file at Nova University before the deadline in order for applications to be processed.

Chappie James Most Promising Teacher Scholarship Program This scholarship is offered to one top graduating senior from each public secondary school in Florida. Priority will be given to candidates who plan to teach in critical teacher shortage areas identified by the State Board of Education. The maximum scholarship award is $4,000 per year for a maximum of four years. The recipient must agree to enter the public teaching profession in Florida for a minimum number of years equal to at least the number of years the scholarship was received. Application forms are available from high school guidance offices.

Seminole and Miccosukee Indian Scholarships Grants to cover educational expenses are available each year to qualified members of the Seminole or Miccosukee Indian tribes, based on financial need. Applications are available from the Higher Education Committee of either tribe.

Florida College Career Work Experience Program (CCWEP) Part-time jobs off campus are available through this program for needy undergraduate students. Students must be one-year Florida residents to qualify and the positions held must be related to their academic majors.

NOVA UNIVERSITY SCHOLARSHIPS AND GRANTS

Nova annually offers scholarships and grants to both incoming and returning students. Eligibility and academic qualifications vary according to the award. In order to be considered for the initial selection, applicants must have a completed file, including the Financial Aid Form, by April 1, and be officially accepted. After April 1 awards will be made on a first come, first serve basis. These scholarships will be combined with other federal and state financial aid programs to help meet the financial need of students.

Minority Matching Fund Scholarships These are matching fund scholarships restricted to community service organizations or recognized organizations with scholarship funds. Nova College will match the amount granted to an eligible full-time student by the organization. Maximum award is $1,000 per academic year, and may not exceed the student’s unmet need as stated in his/her Nova Financial Aid file.

Donor Scholarships The University offers a number of academic scholarships which are made possible by donations to our scholarship fund. Awards are made throughout the year as funds become available, to eligible students who have filed an FAF and have at least a 3.0 grade point average.

L.R.P. Endowed Scholarship Fund This fund, established by the Institute for Retired Professionals, provides annual grants to new and returning undergraduate students. A 3.25 high school or college GPA, an unmet financial need of over $3,000 (based on Nova Financial Aid file), and 2 letters of recommendation are required. Applications are available from Student Affairs or Financial Aid offices.

Nova College Honor Awards

I. Nova Honor Award - Freshman Qualifications ($1,000 - $4,000) (1) Combined score of 1,000 on Scholastic Aptitude Test (SAT); (2) Cumulative grade point average (G.P.A.) of 3.0 or above; (3) Counselor/Faculty recommendation.

II. Nova Honor Award - Transfer Qualifications ($1,000 - $4,000) (1) 15 or more semester hours earned from a regionally accredited institution; (2) A minimum cumulative G.P.A. of 3.2; (3) Counselor/Faculty recommendation.
III. Nova Honor Award - Minority Qualifications ($1,000 - $4,000)  
(1) Minority students; (2) Cumulative G.P.A. of 3.0 or above; (3) Counselor/Faculty recommendations.

IV. Gold Coast Scholar Award - (Full tuition)  
(1) Freshmen from Broward, Dade or Palm Beach Counties; (2) Combined score of 1200 on SAT -OR- 28 on ACT; (3) Cumulative G.P.A. of 3.6 or above; (4) Counselor/Faculty recommendation.

V. Nova Honors Award - Current Students (up to $1,000)  
(1) Continuing Professional and Liberal Studies Students; (2) 24 credit hours completed at Nova by the end of the Winter term; (3) Cumulative G.P.A. at Nova of 3.0 or above; (4) SAT/ACT scores on file; (5) Completed scholarship application. This scholarship is for one year only; recipients must reapply each year for renewal.

Scholarship recipients will be notified by mail and need to respond within one (1) month. Renewal of scholarships is dependent upon a 3.0 Nova cumulative G.P.A. and full-time status.

For more information contact the Nova College Admissions Office or the Office of Student Financial Planning and Resources. To request the necessary forms call:

Admissions (305) 475-7360 (Local) or 1-800-541-6682 Ext. 7360 (Non Local/Out of State)  
Student Financial Aid (305) 475-7410 (Local) or 1-800-541-6682 Ext. 7410 (Non Local/Out of State)

RENEWAL OF AWARDS

Nova Honor Awards are automatically renewed as long as the student maintains a 3.0 cumulative grade point average 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 each year for the upcoming academic year.

OTHER SOURCES OF ASSISTANCE

The Office of Student Financial Aid maintains a Scholarship Source Library at our main campus office. Students may use this library's reference books to locate private sources of funding. We also maintain a file of pamphlets and brochures announcing special awards, fellowships, and grants. All students are invited to use these materials. Please call our office for an appointment. The University and public libraries, as well as commercial book stores, also provide financial aid reference books listing private scholarships. In addition, many high school guidance counselors and Chambers of Commerce are familiar with scholarships available for students from their areas.

DEADLINES

Applications for aid received by the Office of Student Financial Aid by April 1, 1990, will be given priority consideration for the upcoming academic year. Applications received after that date will be considered on a funds-available basis only.

Applications for the Florida Student Assistance Grant must be received by the College Scholarship Service in Princeton by April 15, 1990.

Applications for the Florida Tuition Voucher fund for the fall term must be received in the Office of Student Financial Aid no later than September 1, 1990. Applications for the winter Florida Tuition Voucher fund must be received by January 1, 1991.

GENERAL ELIGIBILITY REQUIREMENTS

In order to participate in the financial aid programs a student must--

1. be a citizen, a national or permanent resident of the United States, or in the U.S. for other than a temporary purpose, and provide proof to the Office of Student Financial Planning and Resources

2. be enrolled or accepted for enrollment at Nova University

3. be carrying or planning to carry at least one-half the full-time workload for the course of study being pursued

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 are noted in the descriptions of the programs.

NOTIFICATION OF AWARDS

Students who have applied before April 1, 1990, and are awarded aid by the University should receive notification by June 1 of that year. Students who have applied for a Pell Grant will receive a Student Aid Report (SAR). Students should submit all copies of the SAR to the Nova Office of Student Financial Aid for processing. Students who have applied for a Florida Student Assistance Grant will be notified by the Florida Department of Education.

The application process normally takes 6-8 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 academic year. Students requesting aid for the summer must complete a separate summer aid application.

ACADEMIC REQUIREMENTS FOR FINANCIAL AID

CLAST

Undergraduates who receive financial aid from any of the Florida state programs must take and pass the CLAST test. (CLAST stands for College Level Academic Skills Test.) It must be taken during the term in which they become a junior (i.e., 60 credits earned). Students are exempt from this requirement ONLY if they earned an A.A. degree or had junior standing at Nova prior to August 1, 1985. (Contact the Nova College Student Affairs Office for test information.) Failure to take the test will result in the loss of Florida funding.

STANDARDS OF ACADEMIC PROGRESS

Nova University, in compliance with federal regulations, has established Standards of Academic Progress that must be met by students to receive financial assistance. Satisfactory progress means making measurable progress towards a specified educational objective within a specific time frame. Listed below are condensed criteria of the satisfactory progress requirements at Nova.

Qualitative Measure. Students must earn the following cumulative grade point average after completion of each increment.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Minimum GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 29</td>
<td>1.50</td>
</tr>
<tr>
<td>31 to 59</td>
<td>1.85</td>
</tr>
<tr>
<td>60+</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Some financial aid programs, especially 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 a student will be awarded aid is twelve.

Full-time students are required to complete 24 new credits each academic year for state aid. Less than full-time students must complete 70% of attempted credits. Students not receiving Florida State Aid must complete 20 credits each year.

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 your financial aid application is turned down because of failure to meet these standards, you have the opportunity to appeal to the Standards of Academic Progress Appeals Committee. The appeal should be in writing, addressed to the Committee in care of the Office of Student Financial Planning and Resources, and include the following documentation:

1. Academic transcript from registrar
2. Letter written by student describing mitigating circumstances
3. Physician’s note and/or records if appeal is based on a medical circumstance
4. Additional optional support documents

All appeals will be considered via written documentation. No personal appeals will be heard. Decisions of the Committee are final and you will receive written notification of the decision. If a one-semester conditional award is granted, it is your responsibility at the end of that semester to demonstrate to the Committee that you have met the required conditions for renewal of your assistance for subsequent semesters.
FOR MORE INFORMATION

Contact the Office of Student Financial Aid, 3301 College Avenue, Fort Lauderdale, Florida 33314 (Parker Building, Third Floor). Phone: (305) 475-7411 or 475-7410. Long distance, dial 1-800-541-NOVA, ext 7411. Office hours are 8:30 A.M. to 7:00 P.M. Monday through Thursday and 8:30 A.M. to 5:00 P.M. Friday.

VETERANS BENEFITS

Nova University programs are approved for the training of veterans and other eligible persons by the Bureau of State Approval for Veteran's Training, State of Florida Department of Veteran's Affairs. For further information, contact:

Veterans Affairs
Office of the Registrar
Nova University
3301 College Avenue
Fort Lauderdale, Florida 33314
(305) 370-5685 or 370-5695

STUDENT LIFE

Activities

Nova students have an excellent opportunity to become involved in the extracurricular programs of the College. A few of the current clubs and organizations include:

- Alpha Chi (National College Honor Society)
- Cheerleaders
- Newspaper Staff (Nova Knight)
- The Nova University Black Student Association (NUBSA)
- Outdoor Club
- Phi Alpha Delta (Law Fraternity)
- The Poetry Club
- The Psychology Club
- Student Government Association
- Yearbook Staff (Paladin)
- Young Democrats

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

All students are encouraged to become involved in the extracurricular activities of the College as active members of the various organizations or by running for office in such organizations.

Campus Sports and Recreation consists of Intramural Sports, Club Sports, Special Events, Leisure Sports Classes, and Informal Sports. Campus Sports and Recreation will offer the following Intramural sports for the coming school year: Touch Football, Volleyball, Co-Rec Volleyball, Golf, Basketball, Table Tennis, Billiards, College Bowl, Swimming, Softball, and Co-Rec Softball. Campus champs will be recognized and rewarded in each sport.

Intercollegiate Athletics

The Athletic Program at Nova University consists of:

Men's
- Baseball
- Basketball
- Cross Country
- Golf
- Soccer

Women's
- Cross Country
- Tennis
- Volleyball
LIBERAL STUDIES PROGRAM

INTRODUCTION

The Liberal Studies Program is an innovative program, engaging students in an integrated curriculum of core studies, organized around interdisciplinary themes. Students and faculty focus on one thematic area for a nine-week period, enabling a more flexible, creative use of the student's time and energy. Each of the areas of the core studies will be taught by faculty teams from a number of academic disciplines, providing a more coherent context for studying and analyzing problems of significant intellectual and social concern. In the first year, in addition to core studies, students will also spend time developing competence in mathematics and composition; in the second year, they will begin their major and continue the core studies; and in the final year they will complete their major.

In preparing to meet Nova College's competency expectations in writing and math, students use new technologies permitting self-paced learning, self-assessment programs, and ready access to faculty when problems arise.

The student in the Liberal Studies Program will understand how the Behavioral and Social Sciences, Humanities and Arts, and Sciences and Technology enable them to create a larger social and philosophical meaning for their career and life. The Liberal Studies Program challenges students with the fundamental questions of living, and inspires them to cultivate a life of intellectual integrity, personal concern, and social responsibility.

CORE STUDIES IN THE LIBERAL STUDIES PROGRAM

The Core Study areas within the Liberal Studies Program have a series of shared objectives. The program is designed to foster critical and creative responsiveness by developing the ability to problem-solve, think analytically, and demonstrate aesthetic responsiveness and creativity. Students will develop effective communication skills in speaking, listening, writing, reading, and using and interpreting data. The Core Study areas are designed to increase the capacity to put an idea or concept in its proper context and grasp the place of values in a cultural tradition. Another key objective is to promote responsibility to one's self and society through actions that include moral imagination, knowledge of the issues needed for public decision making, and a sense of global connections.
The objectives will be met by a coordinated curricular approach applied to the following thematic areas:

- Society and Symbol
- Change and Tradition
- Individual and Institutions
- Human Nature and the Individual
- Essence and Existence
- Science, Technology and Society
- Nature’s Planet
- First, Second and Third World
- Leadership and Qualities of Greatness

Students will spend approximately nine weeks in each thematic area with faculty members from several academic disciplines working in concert to provide a problem centered and cross disciplinary experience. By encouraging critical dialogue among various disciplines on a central theme, students will achieve a convergence of perspectives lacking in the traditional individual course approach.

Each nine-week course carries a total of 6 credit hours which apply as partial fulfillment of the 66 credit hour requirement in Core Studies.

**MATH AND WRITING COMPETENCIES**

In addition to the thematic areas, students will spend time during the first year, and in succeeding years if necessary, developing competence in mathematics and composition. The time spent in these studies will be flexible and individualized, scheduled and coordinated through a computer network accessible both from campus terminals and the telephone system.

The mathematics competencies expected of all students are generally grouped into courses such as: basic mathematics, general mathematics, college algebra, precalculus and calculus. The hierarchical set of competencies in these separate courses have been fused into a continuum that will be presented as a mastery learning sequence. Students will work in both traditional settings (large group, small group, tutorial) as well as technology-based settings (computers, video, audio).

Liberal Studies students use word processors, the Writer’s Workbench, and other Unix-based tools to prepare their work in composition classes. They will further integrate writing instruction with currently available computer technology, as well as videotape presentations and conventional lectures.

**MAJORS**

During the second year of their program, students will begin to “major” in a particular discipline. As in the competency areas, the scheduling will be flexible. Students will have the opportunity to learn by traditional lectures; individual, small and large group computer-based methods; or a combination of these.

The majors available to Liberal Studies students are the same as those found in the Professional Studies Program:

- Accounting
- Administrative Studies
- Business Administration
- Computer Engineering
- Computer Information Systems
- Computer Science
- Computer Systems
- Education
- Legal Studies (prelaw)
- Liberal Arts
- Life Sciences (premedical)
- Ocean Studies
- Community Psychology
- General Psychology

**NOVA COLLEGE MENTOR PROGRAM**

The Nova College Mentor Program is designed to address the special needs of students enrolled in the Liberal Studies Program by providing a structure through which faculty can remain in touch with the social and academic progress of students during their initial term in college. Each student will be assigned to a Liberal Studies faculty member who will serve as his/her mentor. Mentor groups will meet periodically for various activities which may include academic support, social and cultural events, discussion sessions, and group projects. The mentor relationships which develop as a result of the personal interaction between individual students and faculty are important in uniting the academic and social aspects of the undergraduate experience.
TRANSFER OF CREDIT POLICY FOR STUDENTS ENTERING LIBERAL STUDIES

The Liberal Studies Program welcomes students who have earned college credits at another regionally accredited college or university. Students who plan to transfer into the Liberal Studies Program should contact a Nova admissions counselor to discuss how prior college credits can apply toward their Nova degree.

All official high school and post-secondary education transcripts are required. Post-secondary transcripts will be evaluated and appropriate credit, if any, transferred into the Liberal Studies Program. Training time will be shortened accordingly. (For students receiving VA benefits, the Veterans Administration and the student will be notified of those credits determined to be transferable.)

### GRADES

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<tr>
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<td>C</td>
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<tr>
<td>NG</td>
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<tr>
<td>NP</td>
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</tbody>
</table>

**Quality Point Averages** A student’s academic standing for a specific term is the quality point average (QPA). The QPA is calculated by dividing the total quality points earned by the total quality point credits in the Professional Studies Program in a term. The student’s overall academic standing is the cumulative quality point average (CQPA). The CQPA is calculated by dividing the total quality points earned by the total quality point credits in the Professional Studies Program.

**Progress/Grade Reports** Students will be provided a progress/grade report at the end of every term. A copy of the report will be placed in the student’s permanent file maintained by the school. Students are protected by legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons and to inspect, review, and challenge such information as provided by law.

**Standards of Progress for VA Students** VA students are expected to complete satisfactorily the programs within the number of training hours approved by the State Approving Agency for Veterans Training. They also must meet any academic, skill and/or technical requirements of their particular program. If at any point in time it is determined that a VA student cannot satisfactorily complete the program within the approved number of hours, the student’s VA educational benefits will be terminated for unsatisfactory progress.

A VA student who, at the end of any 16-week period, has not attained and maintained satisfactory progress will be placed on academic probation for the next 16-week period. Should the student not attain and maintain satisfactory progress by the end of the probationary 16-week period, the student’s VA educational benefits will be terminated for unsatisfactory progress.

A student whose VA educational benefits have been terminated for unsatisfactory progress may petition the school to be recertified after one 16-week period has elapsed. The school may recertify the student for VA educational benefits only if there is a reasonable likelihood that the student will be able to attain and maintain satisfactory progress for the remainder of the program.

**Honors List** Each full-time student who earns a quality point average of 3.50 in any one term is placed on the Honors List for that term. Students with grades of I (Incomplete) are not eligible for the Honor's List.

**Repeated Courses** A student may repeat a course to improve the grade in that course, but credit toward graduation will be granted only once. Both enrollments and both grades will remain on the transcript. One enrollment
will have a notation that the course has been repeated. The higher grade will be counted in the student's Quality Point Average.

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 do agree to an I grade, both must sign the Contract for Removal for an Incomplete grade after the form is filled out completely. The student may 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 NP based on the course work completed by that time.

Withdrawal A student will be administratively withdrawn if he or she misses both the first and second class meetings. After the Change of Registration Period, a student may withdraw from a course before the 7th week of an 8- or 9-week course, before the 13th week of a 14-week course, and before the 15th week of a 16-week course. Withdrawal will NOT be accepted within two weeks of the final class meeting. A student who stops attending class will receive a grade of A through NP based on required course work.

A Withdrawal Form must be received and date-stamped by the Registrar's Office before that deadline. Such a withdrawal will appear on the transcript but not be included in the QPA. A student considering withdrawal is encouraged to meet with the instructor and/or program advisor. Foreign students are encouraged to speak to the International Student Advisor prior to submitting a Withdrawal Form as it may affect immigration status. Financial aid recipients should speak to an advisor from the Office of Financial Planning and Resources.

INDEPENDENT STUDIES AND TUTORIALS

Independent Study (course numbered 499) provides the qualified student an opportunity to research a question of interest under faculty supervision. A Tutorial enables a qualified student 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 Independent Study or a Tutorial should see their Program Advisor to draw up a contract outlining student responsibilities. It must be signed by the student, the instructor, and the academic division director. Regular tuition rates apply to both Independent Study and Tutorial Study.

INTERNSHIPS

In most major areas of study, internships, independent research, and field-based experiences are available. The curriculum in the Liberal Studies Program stresses the relationship of theory and practice. Knowledge, skills, and attitude are gained through classroom study and experiential learning. Students are urged to pursue these experiences with the faculty and academic directors. Education majors are required to complete a nine-week internship as part of their major and to meet state certification requirements.

LENGTH OF PROGRAM

Although there is some flexibility in scheduling, students will need to follow a carefully designed course of study in both the Liberal Studies core and majors, and minimize outside responsibilities in order to graduate. Several majors available to students in the Liberal Studies Program may involve additional time for some students to complete degree requirements. Majors in this category are: Accounting, Computer Science and Ocean Studies. In addition, because of self-paced learning in both the core and scheduled courses in each major, it is difficult to guarantee how long any student will take to fulfill his or her academic program.

SATISFACTORY ACADEMIC PROGRESS

To remain in good academic standing, undergraduate students must maintain the minimum quality point average or higher on all credits attempted (quality point average on a 4.0 scale) each semester. In addition to the minimum quality point average (see next page) for a baccalaureate degree, students must conform to the degree requirements of their declared major.

PROBATION AND SUSPENSION

Student Responsibility Students are responsible to adhere to the policies set forth in this catalog. Probation and suspension are effective as soon as grades are submitted by the instructors. Students who fail under either category as a result of these grades may be asked to withdraw from courses already begun in a succeeding term of registration.
Academic Probation  Students failing to earn the minimum quality point average or higher after their first 12 credits of work attempted or to maintain at least the minimum quality point average thereafter will be placed on probation by the Academic Progress Committee. Academic probation is removed when the student earns a cumulative quality point average above the minimum quality point average based on the number of credits earned.

Qualitative Requirements

1 - 29 credits: 1.50 QPA
30 - 59 credits: 1.85 QPA
60 + credits: 2.00 QPA

and the QPA requirement of the particular major

Progress Probation  Students failing to complete at least 70% of their attempted credits each academic year will be placed on probation by the Academic Progress Committee. Progress probation is removed when the student completes at least 70% of the attempted credits in a subsequent trimester. Students attempting less than 12 credits in the academic year will be evaluated on their previous registrations.

Students are encouraged to seek counseling when their academic progress places them in danger of probation.

After being placed on probation, any student receiving financial aid must remove the probation during the next trimester enrolled to be eligible for further financial aid.

Suspension  To avoid suspension, a student on probation must maintain the minimum quality point average as stated above and complete at least 70% of all courses attempted for each trimester of subsequent enrollment until probation is lifted. Otherwise the student will be placed on suspension for one trimester. Following this suspension, the student must request permission to be readmitted. Failure of a student to maintain the minimum quantity and quality point requirements in each of the two terms subsequent to being readmitted will result in FINAL SUSPENSION.

Appeal  Any student placed on probation or suspension may file a petition for review by the Academic Progress Committee. A student placed on final suspension may, after a two-term absence, request to be readmitted.

LIBERAL STUDIES
PROGRAMS OF STUDY

BEHAVIORAL SCIENCES

The bachelor of science degree is offered through the Behavioral Sciences Division with the following major concentrations:

Community Psychology

General Psychology

Psychology is the study of individuals, including their behavior, thought processes, and emotions. The psychology majors emphasize scientific research and applications to significant areas of human activity.

The Community Psychology major provides career preparation and enhancement in counseling and treatment services for families, the mentally retarded, mentally ill, elderly, and substance abusers. This major is appropriate for those planning to go on for a M.S. in Mental Health Counseling. It can also be selected in preparation for the Psy.D. in Clinical Psychology.

The General Psychology major provides academic training and preparation for doctoral studies in Psychology. It meets usual prerequisites for Psy.D. and Ph.D. programs in Psychology.

Either of these majors may be combined with law school preparatory courses or with courses leading to certification in Secondary Education, as well as with prerequisite courses for admission to graduate studies in Speech and Language Pathology.
Core Requirements for Liberal Studies Students in Behavioral Science Majors

**CORE REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LAN</td>
<td>Communications I</td>
<td>3</td>
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<tr>
<td>LAN</td>
<td>Communications II</td>
<td>3</td>
</tr>
<tr>
<td>COR</td>
<td>Society and Symbol</td>
<td>6</td>
</tr>
<tr>
<td>COR</td>
<td>Change and Tradition</td>
<td>6</td>
</tr>
<tr>
<td>COR</td>
<td>Individual and Institutions</td>
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<tr>
<td>COR</td>
<td>Human Nature and the Individual</td>
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<tr>
<td>COR</td>
<td>Essence and Existence</td>
<td>6</td>
</tr>
<tr>
<td>COR</td>
<td>Science, Technology and Society</td>
<td>6</td>
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<tr>
<td>COR</td>
<td>Nature’s Planet</td>
<td>6</td>
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<td>COR</td>
<td>First, Second and Third World</td>
<td>6</td>
</tr>
<tr>
<td>COR</td>
<td>Leadership and Qualities of Greatness</td>
<td>6</td>
</tr>
<tr>
<td>MAT</td>
<td>College Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>MAT</td>
<td>College Mathematics II</td>
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</table>

**MAJOR REQUIREMENTS:**

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:**

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Community Psychology for Liberal Studies Students

**CORE REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MAT</td>
<td>302 Applied Statistics</td>
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<tr>
<td>PSY</td>
<td>238 Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>300 Psychological Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>303 Experimental Psychology</td>
<td>3</td>
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<tr>
<td>PSY</td>
<td>311 Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>* PSY</td>
<td>316 Issues in Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>321 Personality</td>
<td>3</td>
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<tr>
<td>* PSY</td>
<td>326 Abnormal Psychology</td>
<td>3</td>
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<tr>
<td>PSY</td>
<td>330 Behavior Modification</td>
<td>3</td>
</tr>
<tr>
<td>** PSY</td>
<td>345 Interviewing</td>
<td>3</td>
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<tr>
<td>PSY</td>
<td>350 Community Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>351 Human Learning and Cognition</td>
<td>3</td>
</tr>
<tr>
<td>** PSY</td>
<td>405 Psychological Tests and Measurements</td>
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</tr>
<tr>
<td>PSY</td>
<td>481 Practicum in Community Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one * course and one ** course

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:**

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General Psychology for Liberal Studies Students

**CORE REQUIREMENTS:**

<table>
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<tr>
<th>Code</th>
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<th>Credits</th>
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<tr>
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<tr>
<td>MAT</td>
<td>302 Applied Statistics</td>
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<td>PSY</td>
<td>238 Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>300 Psychological Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>303 Experimental Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>316 Issues in Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>321 Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>326 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>351 Human Learning and Cognition</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>371 History and Theories of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>405 Psychological Tests and Measurements</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>460 Biological Bases of Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSY</td>
<td>480 Practicum in Psychological Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:**
BUSINESS AND ADMINISTRATIVE STUDIES

The bachelor of science degree is offered through the Business and Administrative Studies Division with the following major concentrations:

Accounting

Administrative Studies

Business Administration

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. Nova University offers a master's degree designed to satisfy the additional CPA requirements.

The Administrative Studies major is offered for those students who are already practitioners or are potential practitioners and need a general degree or certificate to prepare for a wide range of career opportunities.

The Business Administration major is offered for those students who are already practitioners in the field and need a specialized bachelor's degree and/or certificate 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, and other related fields are also candidates for this degree.

Core Requirements for Liberal Studies Students in Business and Administrative Studies Majors

| CORE REQUIREMENTS: |
|---------------------|--------|
| LAN 115             | Communications I | 3 |
| LAN 120             | Communications II | 3 |
| COR 115             | Society and Symbol | 6 |
| COR 116             | Change and Tradition | 6 |
| COR 118             | Individual and Institutions | 6 |
| COR 119             | Human Nature and the Individual | 6 |
| COR 120             | Essence and Existence | 6 |
| COR 217             | Science, Technology and Society | 6 |
| COR 225             | Nature's Planet | 6 |
| COR 305             | First, Second and Third World | 6 |
| COR 310             | Leadership and Qualities of Greatness | 6 |
| MAT 110             | College Mathematics I | 3 |
| MAT 115             | College Mathematics II | 3 |

Accounting for Liberal Studies Students

| CORE REQUIREMENTS: |
|---------------------|--------|
| MAJOR REQUIREMENTS: |
| ACT 205            | Principles of Accounting I | 3 |
| ACT 207            | Principles of Accounting II | 3 |
| ACT 303            | Cost Accounting | 3 |
| ACT 305            | Intermediate Accounting I | 3 |
| ACT 306            | Intermediate Accounting II | 3 |
| ACT 311            | Federal Taxation I | 3 |
| ACT 312            | Federal Taxation II | 3 |
| ACT 401            | Advanced Accounting | 3 |
| ACT 421            | Auditing | 3 |
| BUS 101            | Introduction to Business | 3 |
| BUS 215            | Business Law I | 3 |
| BUS 216            | Business Law II | 3 |
| BUS 355            | Introduction to International Business | 3 |
| BUS 409            | Quantitative Methods | 3 |
| BUS 488            | Business Strategy and Policy | 3 |
| ECO 113            | Business Applications of Microcomputers | 3 |
| ECO 201            | Principles of Macroeconomics | 3 |
| ECO 202            | Principles of Microeconomics | 3 |
| FIN 301            | Corporation Finance | 3 |
| MAT 302            | Applied Statistics | 3 |
| MGT 205            | Principles of Management | 3 |
| MKT 101            | Introduction to Marketing | 3 |

*Offered through the Career Development Division

TOTAL DEGREE REQUIREMENTS: 132
Administrative Studies for Liberal Studies Students

CORE REQUIREMENTS:

MAJOR REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>ACT 205</td>
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<td>Introduction to Business</td>
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<tr>
<td>BUS 215</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 355</td>
<td>Introduction to International Business</td>
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<td>Business Strategy and Policy</td>
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<td>ECO 202</td>
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<tr>
<td>FIN 301</td>
<td>Corporation Finance</td>
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<td>MAT 302</td>
<td>Applied Statistics</td>
<td>3</td>
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<tr>
<td>MGT 205</td>
<td>Principles of Management</td>
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<tr>
<td>MGT 315</td>
<td>Personnel Administration</td>
<td>3</td>
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<tr>
<td>MGT 317</td>
<td>Organization Behavior</td>
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<tr>
<td>MKT 101</td>
<td>Introduction to Marketing</td>
<td>3</td>
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</table>

ELECTIVES: 15

TOTAL DEGREE REQUIREMENTS: 120

Business Administration for Liberal Studies Students

CORE REQUIREMENTS:

MAJOR REQUIREMENTS:

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<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<td>ACT 205</td>
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</tr>
<tr>
<td>ACT 207</td>
<td>Principles of Accounting II</td>
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<td>BUS 101</td>
<td>Introduction to Business</td>
<td>3</td>
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<tr>
<td>BUS 215</td>
<td>Business Law I</td>
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<tr>
<td>BUS 216</td>
<td>Business Law II</td>
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<td>BUS 355</td>
<td>Introduction to International Business</td>
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<td>BUS 488</td>
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<td>BUS 461</td>
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<td>ECO 201</td>
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<td>ECO 202</td>
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<td>FIN 301</td>
<td>Corporation Finance</td>
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<td>MGT 205</td>
<td>Principles of Management</td>
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<tr>
<td>MGT 315</td>
<td>Personnel Administration</td>
<td>3</td>
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<tr>
<td>MGT 317</td>
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<td>3</td>
</tr>
<tr>
<td>MKT 101</td>
<td>Introduction to Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

ELECTIVES: 3

TOTAL DEGREE REQUIREMENTS: 120

COMPUTER AND INFORMATION SCIENCES

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

Computer Science Computer Information Systems

Computer Engineering Computer Systems

Computer Science deals with the systematic study of algorithms and data structures. This concentration will provide a base for the graduate to work in a number of computer career fields and to pursue graduate work in computer science.

Computer Engineering concentrates on the architecture, design, and development of computer hardware. Areas covered are circuit design, firmware, and the tradeoff between hardware and software in computer systems.

The Computer Information Systems major prepares the student for a career in business applications as a programmer/analyst. Emphasis is placed on programming languages, application software analysis, design and development, database management, and information system organization.

The Computer Systems major is designed for students who intend to combine business knowledge with an applications approach to computer science. In addition to providing a background in computer function, language, and programming, this major will focus on the use of computers in the business environment.

Core Requirements for Liberal Studies Students in Computer and Information Sciences Majors

CORE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>LAN 115</td>
<td>Communications I</td>
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<tr>
<td>LAN 120</td>
<td>Communications II</td>
<td>3</td>
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<tr>
<td>COR 115</td>
<td>Society and Symbol</td>
<td>6</td>
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<tr>
<td>COR 116</td>
<td>Change and Tradition</td>
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<td>COR 225</td>
<td>Nature's Planet</td>
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<td>COR 305</td>
<td>First, Second and Third World</td>
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</tr>
<tr>
<td>COR 310</td>
<td>Leadership and Qualities of Greatness</td>
<td>6</td>
</tr>
<tr>
<td>MAT 110</td>
<td>College Mathematics I</td>
<td>3</td>
</tr>
<tr>
<td>MAT 115</td>
<td>College Mathematics II</td>
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</tbody>
</table>
### Computer Engineering for Liberal Studies Students

**CORE REQUIREMENTS:**

- CCS 140 Discrete Mathematics 3
- CCS 160 Fundamentals of Logic Design 3
- CCS 170 Introduction to Programming 3
- CCS 210 Fortran 3
- CCS 306 Digital Design 3
- CCS 330 Structured Programming (Pascal) 3
- CCS 335 Assemblers/Assembly Language Programming 3
- CCS 340 Data Structures 3
- CCS 355 The "C" Programming Language 3
- CCS 405 Computer Architecture 3
- CCS Electives 6
- CSEE 210 Networks I 3
- CSEE 255 Engineering Lab I 1
- CSEE 310 Networks II 3
- CSEE 330 Electronics I 3
- CSEE 335 Engineering Lab II 1
- CSEE 340 Electronics II 3
- CSEE 405 Networks III 3
- CSEE 445 Engineering Lab III 1
- CSEE 460 Microprocessor Applications 3
- CSEE 470 Electrical Engineering Design 3
- MAT 150 Precalculus 3
- MATH 210 Calculus I 3
- MATH 220 Calculus II 3
- MATH 305 Calculus III 3
- MATH 310 Differential Equations 3
- MATH 420 Probability and Statistics 3
- PHYS 240 Physics I 3
- PHYS 250 Physics II 3

**TOTAL DEGREE REQUIREMENTS:** 150

### Computer Information Systems for Liberal Studies Students

**CORE REQUIREMENTS:**

- CCS 140 Discrete Mathematics 3
- CCS 170 Introduction to Programming 3
- CCS 220 Business Oriented Language (COBOL) 3
- CCS 315 Advanced COBOL 3
- CCS 330 Structured Programming (Pascal) 3
- CCS 340 Data Structures 3
- CCS 345 Distributed Data Processing 3
- CCS 355 The "C" Programming Language 3
- CCS 365 Methods of System Analysis 3
- CCS 401 Organization of Computer Environment 3
- CCS 451 Database Management 3
- CCS 490 Directed Project in Computer Science 3
- Electives 15
- MATH 302 Applied Statistics 3
- ACT/BUS/ECO/FIN/MGT/MKT Electives 3

**TOTAL DEGREE REQUIREMENTS:** 132

### Computer Science for Liberal Studies Students

**CORE REQUIREMENTS:**

- CCS 140 Discrete Mathematics 3
- CCS 160 Fundamentals of Logic Design 3
- CCS 170 Introduction to Programming 3
- CCS 210 Fortran 3
- CCS 306 Digital Design 3
- CCS 320 Organization of Programming Languages 3
- CCS 330 Structured Programming (Pascal) 3
- CCS 335 Assemblers/Assembly Language Programming 3
- CCS 340 Data Structures 3
- CCS 355 The "C" Programming Language 3
- CCS 370 Software Design 3
- CCS 405 Computer Architecture 3
- CCS 420 Operating System Concepts 3
- CCS 452 Database Management: Computer Science Emphasis 3
- CCS 460 Systems Programming 3
- CCS 480 Introduction to Compilers & Interpreters 3
- Electives 12
- CSEE 305 Electronics for Computer Science Majors 3
- MAT 150 Precalculus 3
- MATH 210 Calculus I 3
- MATH 220 Calculus II 3
- MATH 450 Probability and Statistics 3
- PHYS 240 Physics I 3
- PHYS 250 Physics II 3

**TOTAL DEGREE REQUIREMENTS:** 147
## Computer Systems for Liberal Studies Students

### CORE REQUIREMENTS:

### MAJOR REQUIREMENTS:

<table>
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<td>CCS 210</td>
<td>Fortran</td>
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<td>CCS 220</td>
<td>Business Oriented Language (COBOL)</td>
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<td>CCS 320</td>
<td>Organization of Programming Languages</td>
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<td>CCS 330</td>
<td>Structured Programming (Pascal)</td>
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<td>CCS 335</td>
<td>Assemblers &amp; Assembly Language Programming</td>
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<td>CCS 340</td>
<td>Data Structures</td>
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<td>The &quot;C&quot; Programming Language</td>
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<td>CCS 370</td>
<td>Software Design</td>
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<td>CCS 401</td>
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<tr>
<td>CCS 420</td>
<td>Operating Systems Concepts</td>
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<td>CCS 451</td>
<td>Database Management: An Information Systems Emphasis</td>
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<tr>
<td>CCS 460</td>
<td>Systems Programming</td>
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<tr>
<td>*CCS 471</td>
<td>Advanced Microcomputer Applications</td>
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<tr>
<td>*CCS 480</td>
<td>Introduction to Compilers and Interpreters</td>
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<tr>
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*Choose one course

### SPECIALTY REQUIREMENTS:

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<td>MKT 101</td>
<td>Introduction to Marketing</td>
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### TOTAL DEGREE REQUIREMENTS:

66

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## EDUCATION

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

### Elementary Education

### Exceptional Education

### Secondary Education

These education degree programs, which have been approved by the State of Florida, prepare students for teacher certification in the areas of Elementary, Exceptional, and Secondary Education. Students who have already completed a bachelor's degree in an area other than education may apply for admission to one of the education certificate programs that will prepare the student for State Teacher Certification. The role of Nova College is to provide the student with appropriate courses that have been approved by the state for specific certification purposes. Actual teacher certification is awarded by the State Department of Education, NOT by Nova University.

Any student interested in pursuing a major in Education must contact the Education office before declaring the major to ensure that the requirements for acceptance are met.

### Internship Requirement

The Education Internship Program (student teaching and seminar) is offered each academic year in the Fall and Winter terms as EDU 452.

Students are eligible for the Internship if they have earned 108 credits, including the required methods courses; have passed the SAT with a minimum score of 840 or the ACT with a minimum score of 19; have a minimum QPA of 2.5; and have a minimum QPA of 2.5 in the major. Internship dates are published in Nova College class schedules.

Applications for internship should be received by March 15 for the Fall term and August 1 for the Winter term. Application forms may be obtained in the Education office or from off-campus site coordinators.

All questions about the Internship program should be directed to the Education Office. Main Campus students, call 475-7354; all other students may call 1-800-541-6682, extension 7354.
Core Requirements for Liberal Studies Students in Education Majors

CORE REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course</th>
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<td>LAN 120</td>
<td>Communications II</td>
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<tr>
<td>COR 115</td>
<td>Society and Symbol</td>
<td>6</td>
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<tr>
<td>COR 116</td>
<td>Change and Tradition</td>
<td>6</td>
</tr>
<tr>
<td>COR 118</td>
<td>Individual and Institutions</td>
<td>6</td>
</tr>
<tr>
<td>COR 119</td>
<td>Human Nature and the Individual</td>
<td>6</td>
</tr>
<tr>
<td>COR 120</td>
<td>Essence and Existence</td>
<td>6</td>
</tr>
<tr>
<td>COR 217</td>
<td>Science, Technology and Society</td>
<td>6</td>
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<td>COR 225</td>
<td>Nature's Planet</td>
<td>6</td>
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<tr>
<td>COR 305</td>
<td>First, Second and Third World</td>
<td>6</td>
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<td>COR 310</td>
<td>Leadership and Qualities of Greatness</td>
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<td>MAT 110</td>
<td>College Mathematics I</td>
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<td>MAT 115</td>
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Core Major Requirements:

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<td>ELE 316</td>
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<tr>
<td>ELE 342</td>
<td>Social Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ELE 412</td>
<td>Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>EDU 452</td>
<td>Internship</td>
<td>9</td>
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<tr>
<td>ELE 316</td>
<td>Teaching Mathematics in Elementary School</td>
<td>3</td>
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<tr>
<td>ELE 318</td>
<td>Teaching Language Arts in Elementary School</td>
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<td>ELE 331</td>
<td>Reading Skills in Elementary School</td>
<td>3</td>
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<tr>
<td>ELE 332</td>
<td>Reading Evaluation</td>
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<tr>
<td>ESE 433</td>
<td>Identification and Remediation of Learning Disabilities</td>
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<td>ESE 435</td>
<td>Survey of Exceptional Children</td>
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<td>ESE 438</td>
<td>Educational Assessment of Exceptionalities</td>
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<td>ESE 439</td>
<td>Individual Diagnosis and Instruction of the Learning Disabled</td>
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<td>ESE 440</td>
<td>Introduction to Language &amp; Speech Disorders</td>
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<td>ESE 444</td>
<td>Materials &amp; Methods for Teaching the Learning Disabled</td>
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<tr>
<td>ESE 453</td>
<td>Development of Vocabulary/Functional Life Skills</td>
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<td>ESE 458</td>
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Elementary Education for Liberal Studies Students

CORE REQUIREMENTS:

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<tbody>
<tr>
<td>LAN 115</td>
<td>Communications I</td>
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<tr>
<td>EDU 336</td>
<td>Educational Psychology</td>
<td>3</td>
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<tr>
<td>EDU 342</td>
<td>Social Foundations of Education</td>
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<td>EDU 447</td>
<td>Teaching: Principles and Practice</td>
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<td>EDU 448</td>
<td>Classroom Management</td>
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<td>Internship</td>
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<td>PSY 238</td>
<td>Child and Adolescent Development</td>
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MAJOR REQUIREMENTS:

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<td>Instructional Materials</td>
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<td>*** EDU 412</td>
<td>Children's Literature</td>
<td>3</td>
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<tr>
<td>ELE 311</td>
<td>Teaching Social Studies in Elementary School</td>
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<td>ELE 312</td>
<td>Teaching Science in Elementary School</td>
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<td>ELE 313</td>
<td>Teaching Science in Elementary School</td>
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<td>ELE 314</td>
<td>Teaching Art in Elementary School</td>
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<td>Teaching Health &amp; P.E. in Elementary School</td>
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<td>ELE 316</td>
<td>Teaching Math in Elementary School</td>
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<td>ELE 318</td>
<td>Teaching Language Arts</td>
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<td>ELE 331</td>
<td>Reading Skills in Elementary School</td>
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<td>Reading Evaluation</td>
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MAJOR SPECIALTY:

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<td>ELE 344</td>
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TOTAL DEGREE REQUIREMENTS

123

Exceptional Student Education for Liberal Studies Students

Learning Disabilities, K-12

CORE REQUIREMENTS:

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<th>Title</th>
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<td>Sociological Foundations of Education</td>
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<td>Educational Psychology</td>
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<td>ELE 316</td>
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<td>ELE 331</td>
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<td>ESE 433</td>
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<td>ESE 435</td>
<td>Survey of Exceptional Children</td>
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<td>ESE 438</td>
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<td>ESE 439</td>
<td>Individual Diagnosis and Instruction of the Learning Disabled</td>
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<td>Introduction to Language &amp; Speech Disorders</td>
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<td>ESE 453</td>
<td>Development of Vocabulary/Functional Life Skills</td>
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<td>ESE 458</td>
<td>Classroom Management of Exceptional Students</td>
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TOTAL DEGREE REQUIREMENTS

120

Exceptional Student Education for Liberal Studies Students

Mental Handicaps, K-12

CORE REQUIREMENTS:

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<td>ELE 316</td>
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<td>ELE 318</td>
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<td>ESE 407</td>
<td>Curriculum for Mentally Handicapped</td>
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<td>Classroom Procedures - Mental Handicaps</td>
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<td>ESE 435</td>
<td>Survey of Exceptional Children</td>
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<td>ESE 438</td>
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<td>ESE 440</td>
<td>Introduction to Language &amp; Speech Disorders</td>
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<td>ESE 458</td>
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TOTAL DEGREE REQUIREMENTS

120
Exceptional Student Education for Liberal Studies Students
Emotional Handicaps, K-12

CORE REQUIREMENTS: 56
MAJOR REQUIREMENTS: 87

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<td>ESE 420</td>
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<td>Behavior Management and Emotional Handicaps</td>
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<td>ESE 429</td>
<td>Educational Programs for the Emotionally Handicapped</td>
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<td>ESE 432</td>
<td>Precision Teaching</td>
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<tr>
<td>ESE 435</td>
<td>Survey of Exceptional Children</td>
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<td>ESE 438</td>
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TOTAL DEGREE REQUIREMENTS: 123

Secondary Education for Liberal Studies Students

CORE REQUIREMENTS: 56
MAJOR REQUIREMENTS: 30

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<tr>
<td>SEC 266</td>
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SPECIALTY: 27
According to Certification Requirements for Content Area

TOTAL DEGREE REQUIREMENTS: 123

Exceptional Education Specialties

Nova College offers specialties in Specific Learning Disabilities, Emotional Disturbance and Mental Retardation. Students must complete 9 credits in the specific exceptionality in which the certification is sought. Added to these are 9 credits common to the three areas.

Specific Learning Disabilities Specialty
- EDU 433 Identification and Remediation of Learning Disabilities
- EDU 439 Individualization of Diagnosis and Instruction for the Learning Disabled Child
- EDU 458 Classroom Management of the Exceptional Student

Emotional Disturbance Specialty
- EDU 429 Education Programming for the Emotionally Disturbed
- EDU 432 Precision Teaching and Behavior Modification
- EDU 458 Classroom Management of the Exceptional Student

Mental Retardation Specialty
- EDU 406 Foundations of Mental Retardation
- EDU 407 Curriculum for Mental Retardation
- EDU 408 Classroom Procedures for Mental Retardation

Additional credits required in all areas of exceptionality are:
- EDU 435 Survey in the Education of Exceptional Children
- EDU 438 Educational Assessment of Exceptional Children
- EDU 440 Intro to Language Development & Speech Disabilities

Early Childhood Administration Specialty

The Specialty in Early Childhood Administration has been designed to benefit individuals currently working in kindergarten and pre-school facilities. Courses have been developed by educational specialists and practicing experts in the field. The Early Childhood Administration Specialty can be taken apart from a degree program. (Prerequisite: PSY 102)

- EDU 226 Administration of Early Childhood Programs
- EDU 340 Administrative Leadership and Decision Making for Early Childhood
- EDU 341 Curriculum Decisions of Administration of Early Childhood Programs
- PSY 238 Child and Adolescent Development
The bachelor of science degree is offered through the Liberal Arts Department with the following major concentration:

**Legal Studies**

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

**Liberal Arts**

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 area are designed to assist students in developing analytical and communication skills and an understanding of economic, political, and social contexts within which legal issues arise.

The **Liberal Arts** major is designed for students wishing to gain a broad background in the various disciplines included in the liberal arts, such as literature, the arts, history, political studies, philosophy, psychology, sociology and anthropology, as well as a concentration in one particular area. The courses in this major are intended to aid students in developing analytical and communication skills, aesthetic responsiveness, moral imagination and intellectual integrity.

**Core Requirements for Liberal Studies Students in Liberal Arts Department Majors**

**CORE REQUIREMENTS:**

- **LAN** 115 Communications I
- **LAN** 120 Communications II
- **COR** 115 Society and Symbol
- **COR** 116 Change and Tradition
- **COR** 118 Individual and Institutions
- **COR** 119 Human Nature and the Individual
- **COR** 120 Essence and Existence
- **COR** 217 Science, Technology and Society
- **COR** 225 Nature's Planet
- **COR** 305 First, Second and Third World
- **COR** 310 Leadership and Qualities of Greatness
- **MAT** 110 College Mathematics I
- **MAT** 115 College Mathematics II

---

**Legal Studies for Liberal Studies Students**

**CORE REQUIREMENTS:**

- **HUM** 321 Ethical and Moral Judgments
- **LGS** 201 Law in Action
- **LGS** 210 The Legal Profession
- **LGS** 240 Comparative Legal Systems
- **LGS** 260 Women and the Law
- **LGS** 261 Cultural Minorities and the Law
- **LGS** 262 Children and the Law
- **LGS** 263 Law and Popular Culture
- **LGS** 301 Constitutional History I
- **LGS** 302 Constitutional History II
- **LGS** 326 Law and American Culture
- **LGS** 333 History of Political Thought
- **LGS** 405 Civil and Political Liberties
- **LGS** 426 Law and the American Mind
- **LGS** 430 Legal Research/Writing and Mock Trial
- **LGS** 441 International Law

**MAJOR REQUIREMENTS:**

- **LGS** 440 Special Topic in Legal Studies AND
- **LGS/HUM/HIS/LAC Elective**
- **LGS/HUM/HIS/LAC Elective**
- **LGS/HUM/HIS/LAC Elective**
- **LGS/HUM/HIS/LAC Elective**
- **Choose one of four * courses**
- **Choose one ** option for Senior Legal Studies Project**

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS**

66

120
Liberal Arts for Liberal Studies Students

CORE REQUIREMENTS

MAJOR REQUIREMENTS

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 231</td>
<td>Critical Thinking</td>
<td>3</td>
</tr>
<tr>
<td>HUM 231</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>HUM 333</td>
<td>History of Political Thought I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 334</td>
<td>History of Political Thought II</td>
<td>3</td>
</tr>
<tr>
<td>HUM 351</td>
<td>American Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 356</td>
<td>English Literature I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 357</td>
<td>English Literature II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one * course

Students will take six credits from each of the four following menus (a total of 24 credits) and an additional 9 credits of concentration from one menu, 6 credits of which must be at the 300 level or above.

**MENU I: Art, Music and Film Studies**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUM 214</td>
<td>King Arthur in Legend and Art</td>
<td>3</td>
</tr>
<tr>
<td>HUM 218</td>
<td>Myth and Art</td>
<td>3</td>
</tr>
<tr>
<td>HUM 220</td>
<td>Non-Western and Modern Art</td>
<td>3</td>
</tr>
<tr>
<td>HUM 240</td>
<td>The Theatre Arts</td>
<td>3</td>
</tr>
<tr>
<td>HUM 254</td>
<td>Introduction to Film Criticism</td>
<td>3</td>
</tr>
<tr>
<td>HUM 353</td>
<td>Films as Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 375</td>
<td>Music Through History</td>
<td>3</td>
</tr>
<tr>
<td>HUM 381</td>
<td>Art and Society</td>
<td>3</td>
</tr>
<tr>
<td>HUM 400</td>
<td>Women in the Arts and Humanities</td>
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</table>

**MENU II: Literature and Philosophy**

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HUM 206</td>
<td>The Self and Literature</td>
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</tr>
<tr>
<td>HUM 207</td>
<td>Politics and Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 208</td>
<td>Existentialism and Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 209</td>
<td>Literature and the Problem of Knowledge</td>
<td>3</td>
</tr>
<tr>
<td>HUM 306</td>
<td>Women and Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 230</td>
<td>Philosophical Issues</td>
<td>3</td>
</tr>
<tr>
<td>HUM 322</td>
<td>Science and Modern Thought</td>
<td>3</td>
</tr>
<tr>
<td>HUM 323</td>
<td>Contemporary Latin American Fiction</td>
<td>3</td>
</tr>
<tr>
<td>HUM 351</td>
<td>American Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 356</td>
<td>English Literature I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 357</td>
<td>English Literature II</td>
<td>3</td>
</tr>
<tr>
<td>HUM 355</td>
<td>Irish Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 451</td>
<td>Eastern Thought</td>
<td>3</td>
</tr>
</tbody>
</table>

Liberal Arts for Liberal Studies Students, continued

**MAJOR REQUIREMENTS, Continued**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 103</td>
<td>American History to 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIS 104</td>
<td>American History Since 1865</td>
<td>3</td>
</tr>
<tr>
<td>HIS 209</td>
<td>Early Western Society</td>
<td>3</td>
</tr>
<tr>
<td>HIS 211</td>
<td>Modern Western Society</td>
<td>3</td>
</tr>
<tr>
<td>HIS 321</td>
<td>The Great Individual in History</td>
<td>3</td>
</tr>
<tr>
<td>HIS 410</td>
<td>Emerging Nations</td>
<td>3</td>
</tr>
<tr>
<td>HIS 460</td>
<td>Studies in Revolution</td>
<td>3</td>
</tr>
<tr>
<td>HUM 210</td>
<td>Freedom and Totalitarianism</td>
<td>3</td>
</tr>
<tr>
<td>HUM 260</td>
<td>Women and Law</td>
<td>3</td>
</tr>
<tr>
<td>HUM 310</td>
<td>The American Character</td>
<td>3</td>
</tr>
<tr>
<td>HUM 402</td>
<td>Women and Political Theory</td>
<td>3</td>
</tr>
<tr>
<td>LGS 301</td>
<td>Constitutional History I</td>
<td>3</td>
</tr>
<tr>
<td>LGS 302</td>
<td>Constitutional History II</td>
<td>3</td>
</tr>
<tr>
<td>LGS 326</td>
<td>Law and American Culture</td>
<td>3</td>
</tr>
<tr>
<td>LGS 426</td>
<td>Law and the American Mind</td>
<td>3</td>
</tr>
<tr>
<td>LGS 441</td>
<td>International Law</td>
<td>3</td>
</tr>
</tbody>
</table>

**MENU III: History and Political Studies**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LGS 301</td>
<td>Constitutional History I</td>
<td>3</td>
</tr>
<tr>
<td>LGS 302</td>
<td>Constitutional History II</td>
<td>3</td>
</tr>
<tr>
<td>LGS 326</td>
<td>Law and American Culture</td>
<td>3</td>
</tr>
<tr>
<td>LGS 426</td>
<td>Law and the American Mind</td>
<td>3</td>
</tr>
<tr>
<td>LGS 441</td>
<td>International Law</td>
<td>3</td>
</tr>
</tbody>
</table>

**MENU IV: Humanity and Society**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HUM 201</td>
<td>The Individual and Society</td>
<td>3</td>
</tr>
<tr>
<td>ITS 216</td>
<td>Introduction to International Studies</td>
<td>3</td>
</tr>
<tr>
<td>ITS 331</td>
<td>The Theory and Practice of International Relations</td>
<td>3</td>
</tr>
<tr>
<td>LGS 240</td>
<td>Comparative Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>LGS 261</td>
<td>Cultural Minorities and the Law</td>
<td>3</td>
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<tr>
<td>PSY 336</td>
<td>Psychology of Women</td>
<td>3</td>
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<tr>
<td>SOC 202</td>
<td>Introduction to Sociology</td>
<td>3</td>
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<tr>
<td>SOC 221</td>
<td>Folklore</td>
<td>3</td>
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<tr>
<td>SOC 222</td>
<td>The Modern City</td>
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<tr>
<td>SOC 231</td>
<td>Contemporary Life Styles</td>
<td>3</td>
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<tr>
<td>SOC 311</td>
<td>Women and Society: Cross Cultural Perspectives</td>
<td>3</td>
</tr>
</tbody>
</table>

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td></td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>
Legal Studies Specialty

This program is designed to provide a sound understanding of the American legal system and its interaction with other aspects of American culture. It is especially suggested for those students who plan careers in business or government or intend to go to law school. (Prerequisite: LAN 111)

LGS 201 Law in Action: Introduction to Legal Reasoning
LGS 210 The Legal Profession
LGS 301 Constitutional History I
LGS 302 Constitutional History II
LGS 333 History of Political Thought OR
LGS 326 Law and American Culture OR
LGS 426 Law and the American Mind

Latin American and Caribbean Studies Specialty

This program provides a broad cultural base for students who plan careers involving Latin American and Caribbean peoples in business, government, psychological services, or education. The program is not a major but must be completed in conjunction with one of the Nova College majors. The requirements for this program are as follows:

The student will complete 24 credits of courses with a Latin American and Caribbean emphasis. Appropriate courses taken within the major may satisfy part of these requirements. Spanish language courses at the 200 level or above also may satisfy part of this requirement.

The student will take at least 9 of the 24 required credits outside his or her major.

The student will have to demonstrate competency in an appropriate foreign language. This requirement may be satisfied either through course work or by examination.

Courses currently offered as part of the Nova College curriculum that are automatically applicable toward the specialty in Latin American and Caribbean Studies are —

SOC 112 Human Origins and Diversity
LAC 213 Latin American and Caribbean Studies
LAN 223 Intermediate Spanish
LAC 240 Comparative Legal Systems
BUS 355 Introduction to International Business
LGS 261 Cultural Minorities and the Law

HUM 323 Contemporary Latin American Fiction
HIS 410 Emerging Nations
LGS 441 International Law
LAC 485-488 Field Study in Latin America
LAC 2900-3000 Advanced Special Topics

In addition to the above mentioned courses, a large number of existing courses may be approved by the Program Coordinator as applicable toward the specialty in Latin American and Caribbean Studies.

Women’s Studies Specialty

The Women’s Studies Certificate program is designed to explore the challenges and issues that confront women in society. An interdisciplinary program, it covers such topics as business, law, philosophy, science, literature, anthropology, psychology, gerontology and the arts. Students may complete a specialty by completing five of the courses offered for a total of 15 credits. For most instances, the Women’s Studies courses may satisfy humanities electives in the core curriculum. Individual courses are also open to the general student population.

Courses that may be used towards earning a Women’s Studies Specialty are:

WMS 260 Women and Law
WMS 305 Feminist Theory
WMS 302 Women’s Study Practicum
WMS 306 Women and Literature
WMS 311 Women and Society: Cross Cultural Perspectives
WMS 319 Women and Aging
WMS 324 Women and Business
WMS 336 Psychology of Women
WMS 400 Women in the Arts and Humanities
WMS 402 Women and Political Theory
WMS 405 Women and Science
MATH, SCIENCE AND TECHNOLOGY

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

**Life Sciences (Pre-Medical)**

**Ocean Studies**

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 and veterinary schools and of schools for graduate study in the biological sciences. The curriculum for this major does not appear in this catalog as it is currently in the final stages of development.

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 specialty in marine biology which is designed as a solid basis for entering the field of ocean science as well as preparation for further graduate study in this area.
NOVA COLLEGE
PROFESSIONAL STUDIES
PROGRAM

ACCEPTANCE

You may apply for admission and be accepted to the Professional Studies Program throughout the entire year. You may begin classes at the beginning of any academic period. Notification of acceptance normally occurs within one month after completing all admission requirements. Upon receiving notification of acceptance, you should promptly inform the Professional Studies admissions office, in writing, of your intention to attend and forward a $200 nonrefundable deposit to be credited toward tuition. If there are any further questions, call the Admissions Office at 475-7340.

SPECIAL STUDENT

You may want to take one course or several courses or a specialty program without enrolling for a degree program. In this case, indicate "special student" on the application form. You may then register for a course after submitting an application and application fee. As a Special Student you are not eligible for a degree or financial aid.

COMBINED MAJORS, MINORS, AND SPECIALTIES

The Professional Studies Program offers you the opportunity to acquire substantial credit in a second major or specialty area. You should check with an advisor as to which majors may be combined. When requirements for a specialty or permissible second major are completed, you need to request, through a student action form, that this information be made a permanent part of your official academic transcript.

SECOND BACHELOR'S DEGREE

If you have a bachelor's degree from a regionally accredited institution other than Nova University, you may earn a second bachelor's degree from Nova by completing a minimum of 30 additional credits in the Professional Studies Program. At least 50 per cent of all credits required in the selected major must be taken at Nova.

TRANSFER CREDITS

The Professional Studies Program welcomes students who have earned college credits at another regionally accredited college or university. Students who plan to transfer to the Professional Studies Program should contact a Nova admissions counselor to discuss how prior college credits can be used for their Nova degree. Community college students should contact a Nova admissions counselor as early in their college career as possible so they can choose courses for their associate's degree that will transfer to Nova and be appropriate for their intended bachelor's degree.

Transfer students must provide transcripts from their previous colleges; their previous academic work will then be evaluated. The College will transfer a maximum of 90 eligible credits (including credit for CLEP, Proficiency Exams, and prior experiential learning) toward a degree; a maximum of 66 transfer credits from community colleges will be accepted. Remaining credits and at least 50% of the credits in the student's major area and specialty must be earned at Nova in regular academic offerings.

Evaluation of CLEP examinations 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 Nova. Under exceptional circumstances students may be permitted to take courses at another college while enrolled at Nova. However, credit will be transferred only if there is prior written approval from the academic director or program advisor and an earned grade of "C" or better. Students taking courses at more than one center within Nova University must also receive written approval from a counselor.

TESTING CREDITS

Students may earn college credit through the College Level Examination Program (CLEP), Proficiency Examination Program (PEP), Defense Activity for Non-Traditional Education Support (DANTES), and Advanced Placement Examinations (AP). CLEP is administered at Nova University through the College Board. To receive credit through CLEP exams in the Professional Studies Program, a student must score in at least the 50th percentile. Before applying to take any of the CLEP tests, a student should consult an academic counselor to be sure that the credits granted through the exams are applicable to the student's course of study. Requests for AP, PEP and DANTES credit should be discussed with the Testing Specialist in the Advising Center.
ACADEMIC INFORMATION

REQUIREMENTS

New Student Skill Requirements Students are expected to demonstrate skills appropriate for college work in all courses in the Professional Studies Program. Before or during the first 8-week term of enrollment, students are required to complete placement tests in the areas of reading, writing, and mathematics and will be advised as to appropriate course selection based on test results. The placement test must be taken before completion of more than six semester hours. Students needing further development of skills required for Professional Studies work will be counseled as to 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 100 and 200 levels. The passing of placement tests is prerequisite to enrollment in many courses including all initial mathematics and communication courses.

For specific placement test procedures and practice exams, refer to the brochure on skill and competency requirements available at the Student Affairs Office. Assistance in mathematics and communication is available through the Learning Resource Center to help students attain the skills necessary for college work.

GRADINGS

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
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<tbody>
<tr>
<td>A</td>
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<tr>
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<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
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<td>C</td>
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<td>NG</td>
<td>-</td>
</tr>
<tr>
<td>AU</td>
<td>-</td>
</tr>
</tbody>
</table>

Quality Point Averages A student's academic standing for a specific term is the quality point average (QPA). The QPA is calculated by dividing the total quality points earned by the total quality point credits in the Professional Studies Program in a term. The student's overall academic standing is the cumulative quality point average (CQPA). The CQPA is calculated by dividing the total quality points earned by the total quality point credits in the Professional Studies Program.

Progress/Grade Reports Students will be provided a progress/grade report at the end of every term. A copy of the report will be placed in the student's permanent file maintained by the school. Students are protected by legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons and to inspect, review, and challenge such information as provided by law.

Standards of Progress for VA Students VA students are expected to satisfactorily complete the programs within the number of training hours approved by the State Approving Agency for Veterans Training. They also must meet any academic, skill and/or technical requirements of their particular program. If at any point in time it is determined that a VA student cannot satisfactorily complete the program within the approved number of hours, the student's VA educational benefits will be terminated for unsatisfactory progress.

A VA student who, at the end of any 16-week period, has not attained and maintained satisfactory progress will be placed on academic probation for the next 16-week period. Should the student not attain and maintain satisfactory progress by the end of the probationary 16-week period, the student's VA educational benefits will be terminated for unsatisfactory progress.

A student whose VA educational benefits have been terminated for unsatisfactory progress may petition the school to be recertified after one 16-week period has elapsed. The school may recertify the student for VA educational benefits only if there is a reasonable likelihood that the student will be able to attain and maintain satisfactory progress for the remainder of the program.

Dean's List Each full-time student who earns a quality point average of 3.50 in any one term is placed on the Honors List for that term. Students with grades of I (Incomplete) are not eligible for the Dean's List.

Repeated Courses A student may repeat a course to improve the grade in that course, but credit toward graduation will be granted only once. Both enrollments and both grades will remain on the transcript. One enrollment will
have a notation that the course has been repeated. The higher grade will be counted in the student’s Quality Point Average.

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 do agree to an I grade, both must sign the Contract for Removal for an Incomplete grade after the form is filled out completely. The student will have up to 16 weeks to complete the course. When the additional 16 weeks has passed, the I will be change 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 will not 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 Change of Registration Period, a student may withdraw from a course before the 7th week of an 8- or 9-week course, before the 13th week of a 14 week course, and before the 15th week of a 16-week course. Withdrawal will NOT be accepted within two weeks of the final class meeting. A student who stops attending class will receive a grade of A through F based on required course work.

A Withdrawal Form must be received and date-stamped by the Registrar’s Office before that deadline. Such a withdrawal will appear on the transcript but not be included in the QPA. A student considering withdrawal is encouraged to meet with the instructor and/or program advisor. Foreign students are encouraged to speak to the International Student Advisor prior to submitting a Withdrawal Form as it may affect immigration status. Financial aid recipients should speak to an advisor from the Office of Financial Planning and Resources.

SATISFACTORY ACADEMIC PROGRESS

To remain in good academic standing, undergraduate students must maintain the minimum quality point average or higher on all credits attempted (quality point average on a 4.0 scale), each semester. In addition to the minimum quality point average (see next page) for a baccalaureate degree at Professional Studies, students must conform to the degree requirements of their declared major.

INDEPENDENT STUDIES AND TUTORIALS

Independent Study (course numbered 499) provides the qualified student an opportunity to research a question of interest under faculty supervision. A Tutorial enables a qualified student 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 Independent Study or a Tutorial should see their Program Advisor to draw up a contract outlining student responsibilities. It must be signed by the student, the instructor, and the academic division director. Regular tuition rates apply to both Independent Study and Tutorial Study.

INTERNSHIPS

In most major areas of study, internships, independent research, and field-based experiences are available. The curriculum in the Professional Studies program stresses the relationship of theory and practice. Knowledge, skills, and attitude are gained through classroom study and experiential learning. Students are urged to pursue these experiences with the faculty and academic directors. Education majors are required to complete a nine-week internship as part of their major and to meet state certification requirements.

PROBATION AND SUSPENSION

Student Responsibility Students are responsible to adhere to the policies set forth in this catalog. Probation and suspension are effective as soon as grades are submitted by the instructors. Students who fall under either category as a result of these grades may be asked to withdraw from courses already begun in a succeeding term of registration.

Academic Probation Students failing to earn the minimum quality point average or higher after their first 12 credits of work attempted or to maintain at least the minimum quality point average thereafter will be placed on probation by the Academic Progress Committee. Academic probation is removed when the student earns a cumulative quality point average above the minimum quality point average based on the number of credits earned.

Qualitative Requirements

<table>
<thead>
<tr>
<th>Credits</th>
<th>QPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 29</td>
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<tr>
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<td>1.85</td>
</tr>
<tr>
<td>60 +</td>
<td>2.00</td>
</tr>
</tbody>
</table>

and the QPA requirement of the particular major
Progress Probation  Students failing to complete at least 70% of their attempted credits each academic year will be placed on probation by the Academic Progress Committee. Progress probation is removed when the student completes at least 70% of the attempted credits in a subsequent trimester. Students attempting less than 12 credits in the academic year will be evaluated on their previous registrations.

Students are encouraged to seek counseling when their academic progress places them in danger of probation.

After being placed on probation, any student receiving financial aid must remove the probation during the next trimester enrolled to be eligible for further financial aid.

Suspension  To avoid suspension, a student on probation must maintain the minimum quality point average as stated above and complete at least 70% of all courses attempted for each trimester of subsequent enrollment until probation is lifted. Otherwise the student will be placed on suspension for one trimester. Following this suspension, the student must request permission to be readmitted. Failure of a student to maintain the minimum quantity and quality point requirements in each of the two terms subsequent to being readmitted will result in FINAL SUSPENSION.

Appeal  Any student placed on probation or suspension may file a petition for review by the Academic Progress Committee. A student placed on final suspension may, after a two-term absence, request to be readmitted.

PROFESSIONAL STUDIES
PROGRAMS OF STUDY

BEHAVIORAL SCIENCES

The bachelor of science degree is offered through the Behavioral Sciences Division with the following major concentrations:

Community Psychology

General Psychology

Psychology is the study of individuals, including their behavior, thought processes, and emotions. The psychology majors emphasize scientific research and applications to significant areas of human activity.

The Community Psychology major provides career preparation and enhancement in counseling and treatment services for families, the mentally retarded, mentally ill, elderly, and substance abusers. This major is appropriate for those planning to go on for a M.S. in Mental Health Counseling. It can also be selected in preparation for the Psy.D. in Clinical Psychology.

The General Psychology major provides academic training and preparation for doctoral studies in Psychology. It meets usual prerequisites for Psy.D. and Ph.D. programs in Psychology.

Either of these majors may be combined with law school preparatory courses or with courses leading to certification in Secondary Education, as well as with prerequisite courses for admission to graduate studies in Speech and Language Pathology.

The Behavioral Sciences Department also supervises the Advocacy Specialty, the Speech and Language Pathology Specialty, the Paralegal/Legal Assistant Specialty, and the Substance Abuse Studies Specialty. For each of these specialties, a certificate is granted upon completion, and this is noted on the student's academic transcript. The courses in each specialty program may be taken in conjunction with a student's baccalaureate studies, or they may be taken by individuals who simply wish to earn a certificate in one of these fields.
Core Requirements for Professional Studies Students in Behavioral Science Majors

CORE REQUIREMENTS:

COMMUNICATIONS AND HUMANITIES

HIS 105 The American Experience
HIS 210 Roots of Western Society
LAN 111 Critical Reading and Writing I
LAN 112 Critical Reading and Writing II
LAN 201 Fundamentals of Public Speaking

HUM 105 Humanities I (Formerly HUM 105)
Choose one: HUM 218, HUM 220, HUM 240, HUM 375 or HUM 381

HUM 210 Root of Western Society

Critical Reading and Writing II

LAN 201 Fundamentals of Public Speaking

HUM 201, HUM 207, HUM 208 or HUM 209

SCIENCE AND TECHNOLOGY

CAP 111 Computer Literacy
MAT 110 College Mathematics I
MAT 115 College Mathematics II
MAT 302 Applied Statistics

* LSC/PHY Electives

* General Psychology majors must take at least three hours of Biology.

BEHAVIORAL AND SOCIAL SCIENCES

LAC 213 Latin American and Caribbean Studies
PSY 102 Introduction to Psychology
SOC 112 Human Origins and Diversity

BUSINESS AND ADMINISTRATIVE STUDIES

ECO 201 Principles of Macroeconomics

Choose one * course and one ** course

Community Psychology for Professional Studies Students

CORE REQUIREMENTS:

MAJOR REQUIREMENTS:

PSY 238 Child and Adolescent Development
PSY 300 Psychological Research Methods
PSY 301 Experimental Psychology
PSY 311 Interpersonal Communication
PSY 316 Issues in Social Psychology
PSY 326 Abnormal Psychology
PSY 321 Personality
PSY 330 Behavior Modification
PSY 345 Interviewing
PSY 405 Psychological Tests and Measurements
PSY 350 Community Psychology
PSY 351 Human Learning and Cognition
PSY 481 Practicum in Community Psychology

ELECTIVES:

TOTAL DEGREE REQUIREMENTS:

General Psychology for Professional Studies Students

CORE REQUIREMENTS:

MAJOR REQUIREMENTS:

PSY 238 Child and Adolescent Development
PSY 300 Psychological Research Methods
PSY 301 Experimental Psychology
PSY 311 Interpersonal Communication
PSY 316 Issues in Social Psychology
PSY 321 Personality
PSY 326 Abnormal Psychology
PSY 350 Community Psychology
PSY 351 Human Learning and Cognition
PSY 371 History and Theories of Psychology
PSY 405 Psychological Tests and Measurements
PSY 460 Biological Bases of Behavior
PSY 480 Practicum in Psychological Research

ELECTIVES:

TOTAL DEGREE REQUIREMENTS:
BUSINESS AND ADMINISTRATIVE STUDIES

The bachelor of science degree is offered through the Business and Administrative Studies Division with the following major concentrations:

Accounting

Administrative Studies

Business Administration

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. Nova University offers a master’s degree designed to satisfy the additional CPA requirements.

The Administrative Studies major is offered for those students who are already practitioners or are potential practitioners and need a general degree or certificate to prepare for a wide range of career opportunities.

The Business Administration major is offered for those students who are already practitioners in the field and need a specialized bachelor’s degree and/or certificate 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, and other related fields are also candidates for this degree.

Core Requirements for Professional Studies Students in Business and Administrative Studies Majors

CORE REQUIREMENTS:

COMMUNICATIONS AND HUMANITIES

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<thead>
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<td>HIS 210</td>
<td>Roots of Western Society</td>
<td>3</td>
</tr>
<tr>
<td>LAN 111</td>
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<td>LAN 112</td>
<td>Critical Reading and Writing II</td>
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SCIENCE AND TECHNOLOGY

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BEHAVIORAL AND SOCIAL SCIENCES

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<tr>
<td>PSY 102</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 112</td>
<td>Human Origins and Diversity</td>
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BUSINESS AND ADMINISTRATIVE STUDIES

<table>
<thead>
<tr>
<th>Course</th>
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<td>ECO 201</td>
<td>Principles of Macroeconomics</td>
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<tr>
<td>ECO 202</td>
<td>Principles of Microeconomics</td>
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Accounting for Professional Studies Students

CORE REQUIREMENTS:

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<th>Course</th>
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<tr>
<td>ACT 205</td>
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<td>ACT 207</td>
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<td>ACT 303</td>
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<td>ACT 306</td>
<td>Intermediate Accounting II</td>
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<td>ACT 311</td>
<td>Federal Taxation I</td>
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<td>ACT 312</td>
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<td>ACT 401</td>
<td>Advanced Accounting</td>
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<td>ACT 421</td>
<td>Auditing</td>
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<td>BUS 101</td>
<td>Introduction to Business</td>
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<tr>
<td>BUS 215</td>
<td>Business Law I</td>
<td>3</td>
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<td>BUS 216</td>
<td>Business Law II</td>
<td>3</td>
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<tr>
<td>BUS 355</td>
<td>Introduction to International Business</td>
<td>3</td>
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<tr>
<td>BUS 409</td>
<td>Quantitative Methods</td>
<td>3</td>
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<tr>
<td>BUS 488</td>
<td>Business Strategy and Policy</td>
<td>3</td>
</tr>
<tr>
<td>CAP 113</td>
<td>Business Applications of Microcomputers</td>
<td>3</td>
</tr>
<tr>
<td>FIN 301</td>
<td>Corporation Finance</td>
<td>3</td>
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<tr>
<td>MAT 302</td>
<td>Applied Statistics</td>
<td>3</td>
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<tr>
<td>MGT 205</td>
<td>Principles of Management</td>
<td>3</td>
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<tr>
<td>MKT 101</td>
<td>Introduction to Marketing</td>
<td>3</td>
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</table>

ELECTIVES: 9

TOTAL DEGREE REQUIREMENTS: 51
Administrative Studies for Professional Studies Students

CORE REQUIREMENTS: 31
MAJOR REQUIREMENTS: 33

ACT 205 Principles of Accounting I 3
BUS 101 Introduction to Business 3
BUS 215 Business Law I 3
BUS 355 Introduction to International Business 3
BUS 488 Business Strategy and Policy 3
FIN 301 Corporation Finance 3
MAT 302 Applied Statistics 3
MGT 205 Principles of Management 3
MGT 315 Personnel Administration 3
MGT 317 Organization Behavior 3
MKT 101 Introduction to Marketing 3

ELECTIVES: 36
TOTAL DEGREE REQUIREMENTS: 120

Business Administration for Professional Studies Students

CORE REQUIREMENTS: 31
MAJOR REQUIREMENTS: 45

ACT 205 Principles of Accounting I 3
ACT 207 Principles of Accounting II 3
BUS 101 Introduction to Business 3
BUS 215 Business Law I 3
BUS 216 Business Law II 3
BUS 355 Introduction to International Business 3
BUS 409 Quantitative Methods 3
BUS 461 Research Methods 3
BUS 488 Business Strategy and Policy 3
FIN 301 Corporation Finance 3
MAT 302 Applied Statistics 3
MGT 205 Principles of Management 3
MGT 315 Personnel Administration 3
MGT 317 Organization Behavior 3
MKT 101 Introduction to Marketing 3

ELECTIVES: 24
TOTAL DEGREE REQUIREMENTS: 120

COMPUTER AND INFORMATION SCIENCES

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

Computer Engineering
Computer Information Systems
Computer Science
Computer Systems

Computer Engineering concentrates on the architecture, design, and development of computer hardware. Areas covered are circuit design, firmware, and the tradeoff between hardware and software in computer systems.

The Computer Information Systems major prepares the student for a career in business applications as a programmer/analyst. Emphasis is placed on programming languages, application software analysis, design and development, database management, and information system organization.

Computer Science deals with the systematic study of algorithms and data structures. This concentration will provide a base for the graduate to work in a number of computer career fields and to pursue graduate work in computer science.

The Computer Systems major is designed for students who intend to combine business knowledge with an applications approach to computer science. In addition to providing a background in computer function, language, and programming, this major will focus on the use of computers in the business environment.

Telecommunications Specialty

This certificate program is designed for those students who are employed or are interested in working in telecommunications. This specialty focuses on the design, planning, organization, and control of data and voice communications networks, with emphasis on distributed computer networks. Students can complete this specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the certificate specialty without seeking a degree.

The following courses are required for this specialty:

CSTC 200 Mathematical Foundations of Telecommunications
CSTC 205 Electronics for Telecommunications
CSTC 300 Telecommunications Network Planning and Operations
CSTC 305 Telecommunications Software and Protocols
CSTC 400 Telecommunications Economics and Policy
## Core Requirements for Professional Studies Students in Computer and Information Sciences Majors

**CORE REQUIREMENTS:** 33

### COMMUNICATIONS AND HUMANITIES
- **HIS 105** The American Experience 3
- **HIS 210** Roots of Western Society 3
- **LAN 111** Critical Reading and Writing I 3
- **LAN 112** Critical Reading and Writing II 3
- **LAN 201** Fundamentals of Public Speaking 3
- Humanities I (Formerly HUM 105) 3
- Choose one: HUM 218, HUM 220, HUM 240, HUM 375 or HUM 381 3
- Humanities II (Formerly HUM 240) 3
- Choose one: HUM 206, HUM 207, HUM 208 or HUM 209 3

### BEHAVIORAL AND SOCIAL SCIENCES
- **LAC 213** Latin American and Caribbean Studies 3
- **PSY 102** Introduction to Psychology 3
- **SOC 112** Human Origins and Diversity 3

### BUSINESS AND ADMINISTRATIVE STUDIES
- **ECO 201** Principles of Macroeconomics 3

---

## Computer Engineering for Professional Studies Students

**CORE REQUIREMENTS:** 33

**ADDITIONAL COMPUTER ENGINEERING CORE REQUIREMENTS:** 12

- **MATH 210** Calculus I 3
- **MATH 220** Calculus II 3
- **PHYS 240** Physics I 3
- **PHYS 250** Physics II 3

**MAJOR REQUIREMENTS:** 69

- **CCS 140** Discrete Mathematics 3
- **CCS 160** Fundamentals of Logic Design 3
- **CCS 170** Introduction to Programming 3
- **CCS 210** Fortran 3
- **CCS 306** Digital Design 3
- **CCS 330** Structured Programming (Pascal) 3
- **CCS 335** Assemblers & Assembly Language Programming 3
- **CCS 340** Data Structures 3
- **CCS 355** The "C" Programming Language 3
- **CCS 405** Computer Architecture 3
- **CSEE 210** Networks I 3
- **CSEE 255** Engineering Lab I 1
- **CSEE 310** Networks II 3
- **CSEE 330** Electronics I 3
- **CSEE 335** Engineering Lab II 1
- **CSEE 340** Electronics II 3
- **CSEE 405** Networks III 3
- **CSEE 445** Engineering Lab III 1
- **CSEE 460** Microprocessor Applications 3
- **CSEE 470** Electrical Engineering Design 3
- **MATH 305** Calculus III 3
- **MATH 310** Differential Equations 3
- **MATH 450** Probability and Statistics 3
- **CCS** Electives 6

**ELECTIVES:** 6

**TOTAL DEGREE REQUIREMENTS:** 130
### Computer Information Systems for Professional Studies Students

**CORE REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
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<td>BUS 101</td>
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<td>ECO 202</td>
<td>Principles of Microeconomics</td>
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<td>MAT 105</td>
<td>College Algebra</td>
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**ADDITIONAL COMPUTER INFORMATION SYSTEMS CORE REQUIREMENTS:**

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<td>CCS 170</td>
<td>Introduction to Programming</td>
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<td>CCS 230</td>
<td>Business Oriented Language (COBOL)</td>
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<td>CCS 315</td>
<td>Advanced COBOL</td>
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<td>CCS 330</td>
<td>Structured Programming (Pascal)</td>
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<tr>
<td>CCS 340</td>
<td>Data Structures</td>
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<td>CCS 345</td>
<td>Distributed Data Processing</td>
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<td>CCS 355</td>
<td>The &quot;C&quot; Programming Language</td>
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<td>CCS 365</td>
<td>Methods of System Analysis</td>
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<td>CCS 401</td>
<td>Organization of Computer Environment</td>
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<td>CCS 451</td>
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<td>CCS 490</td>
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**ELECTIVES:**

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**TOTAL DEGREE REQUIREMENTS:**

- 33 Credits

### Computer Science for Professional Studies Students

**CORE REQUIREMENTS:**

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<tbody>
<tr>
<td>MAT 150</td>
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<td>MATH 210</td>
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<td>MATH 220</td>
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<td>PHYS 240</td>
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<td>PHYS 250</td>
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**ADDITIONAL COMPUTER SCIENCE CORE REQUIREMENTS:**

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<td>CCS 160</td>
<td>Fundamentals of Logic Design</td>
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<td>CCS 170</td>
<td>Introduction to Programming</td>
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<tr>
<td>CCS 210</td>
<td>Fortran</td>
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<td>CCS 306</td>
<td>Digital Design</td>
<td>3</td>
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<tr>
<td>CCS 320</td>
<td>Organization of Programming Languages</td>
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<td>CCS 330</td>
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<td>CCS 405</td>
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<td>MATH 450</td>
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**ELECTIVES:**

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**TOTAL DEGREE REQUIREMENTS:**

- 6 Credits
**Computer Systems for Professional Studies Students**

**CORE REQUIREMENTS:**

**ADDITIONAL COMPUTER SYSTEMS CORE REQUIREMENTS:**
- LSC/PHY PHYS Electives

**MAJOR REQUIREMENTS:**
- CCS 140 Discrete Mathematics
- CCS 170 Introduction to Programming
- CCS 210 Fortran
- CCS 220 Business Oriented Language (COBOL)
- CCS 320 Organization of Programming Languages
- CCS 330 Structured Programming (Pascal)
- CCS 335 Assemblers & Assembly Language Programming
- CCS 340 Data Structures
- CCS 355 The "C" Programming Language
- CCS 370 Software Design
- CCS 401 Organization of Computer Environment
- CCS 420 Operating Systems Concepts
- CCS 451 Database Management: An Information Systems Emphasis
- CCS 460 Systems Programming
- * CCS 471 Advanced Microcomputer Applications Interfacing
- * CCS 480 Introduction to Compilers and Interpreters

**SPECIALTY REQUIREMENTS:**
- ACT 205 Principles of Accounting I
- ACT 207 Principles of Accounting II
- BUS 101 Introduction to Business
- ECO 202 Principles of Microeconomics
- MGT 205 Principles of Management
- MGT 317 Organization Behavior

**ELECTIVES:**
- MKT 101 Introduction to Marketing

**TOTAL DEGREE REQUIREMENTS:**
- 120 credits

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**EDUCATION**

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

**Elementary Education**

**Exceptional Education**

**Secondary Education**

These education degree programs, are approved by the State of Florida and prepare students for teacher certification in the areas of Elementary, Exceptional, and Secondary Education. Students who have already completed a bachelor's degree in an area other than education may apply for admission to one of the education certificate programs that will prepare the student for State Teacher Certification. The role of Nova College is to provide the student with appropriate courses that have been approved by the state for specific certification purposes. Actual teacher certification is awarded by the State Department of Education, NOT by Nova University.

* Any student interested in pursuing a major in Education must contact the Education office before declaring the major to ensure that the requirements for acceptance are met.

**Internship Requirement**

The Education Internship Program (student teaching and seminar) is offered each academic year in the Fall and Winter terms as EDU 452.

Students are eligible for the Internship if they have earned 108 credits, including the required methods courses; have passed the SAT with a minimum score of 840 or the ACT with a minimum score of 19; have a minimum GPA of 2.5; and have a minimum GPA of 2.5 in the major. Internship dates are published in Nova College class schedules.

Applications for internship should be received by March 15 for the Fall term and August 1 for the Winter term. Application forms may be obtained in the Education office or from off-campus site coordinators.

All questions about the Internship program should be directed to the Education Office. Main Campus students, call 475-7354; all other students may call 1-800-541-6682, extension 7354.
### Core Requirements for Professional Studies Students in Education Majors

**CORE REQUIREMENTS:**

**COMMUNICATIONS AND HUMANITIES**
- HIS 105 The American Experience 3
- HIS 210 Roots of Western Society 3
- LAN 111 Critical Reading and Writing I 3
- LAN 112 Critical Reading and Writing II 3
- LAN 201 Fundamentals of Public Speaking 3

**SCIENCE AND TECHNOLOGY**
- CAP 111 Computer Literacy 3
- MAT 110 College Mathematics I 3
- MAT 115 College Mathematics II 3
- PHY/LSC Electives 6

**BEHAVIORAL AND SOCIAL SCIENCES**
- LAC 213 Latin American and Caribbean Studies 3
- PSY 102 Introduction to Psychology 3
- PSY 238 Child and Adolescent Development 3
- SOC 112 Human Origins and Diversity 3

**BUSINESS AND ADMINISTRATIVE STUDIES**
- ECO 201 Principles of Macroeconomics 3

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### Exceptional Student Education for Professional Studies Students

#### Learning Disabilities, K-12

**CORE REQUIREMENTS:**

**MAJOR REQUIREMENTS:**
- EDU 342 Sociological Foundations of Education 3
- EDU 336 Educational Psychology 3
- EDU 412 Children's Literature 3
- EDU 452 Internship 9
- ELE 316 Teaching Mathematics in Elementary School 3
- ELE 318 Teaching Language Arts in Elementary School 3
- ELE 331 Reading Skills in Elementary School 3
- ELE 332 Reading Evaluation 3
- ESE 433 Identification and Remediation of Learning Disabilities 3
- ESE 435 Survey of Exceptional Children 3
- ESE 438 Educational Assessment of Exceptionalities 3
- ESE 439 Individual Diagnosis and Instruction of the Learning Disabled 3
- ESE 440 Introduction to Language & Speech Disorders 3
- ESE 444 Materials & Methods for Teaching the Learning Disabled 3
- ESE 453 Development of Vocabulary/Functional Life Skills 3
- ESE 458 Classroom Management of Exceptional Students 3

**ELECTIVES**

**TOTAL DEGREE REQUIREMENTS**

---

### Elementary Education for Professional Studies Students

**CORE REQUIREMENTS:**

**MAJOR REQUIREMENTS:**
- EDU 317 Instructional Materials 3
- EDU 336 Educational Psychology 3
- EDU 412 Children's Literature 3
- EDU 434 Learning Assessment 3
- EDU 447 Teaching: Principles and Practices 3
- EDU 448 Classroom Management 3
- EDU 452 Internship 9
- ELE 311 Teaching Social Studies in Elementary School 3
- ELE 312 Teaching Science in Elementary School 3
- ELE 313 Teaching Music in Elementary School 3
- ELE 314 Teaching Art in Elementary School 3
- ELE 315 Teaching Health and P.E. in Elementary School 3
- ELE 316 Teaching Math in Elementary School 3
- ELE 318 Teaching Language Arts 3
- ELE 331 Reading Skills in Elementary School 3
- ELE 332 Reading Evaluation 3

Choose one *course*

**ELECTIVES**

**TOTAL DEGREE REQUIREMENTS**

---

### Exceptional Student Education for Professional Studies Students

#### Mental Handicaps, K-12

**CORE REQUIREMENTS:**

**MAJOR REQUIREMENTS:**
- EDU 342 Sociological Foundations of Education 3
- EDU 336 Educational Psychology 3
- EDU 412 Children's Literature 3
- EDU 452 Internship 9
- ELE 316 Teaching Mathematics in Elementary School 3
- ELE 318 Teaching Language Arts in Elementary School 3
- ELE 331 Reading Skills in Elementary School 3
- ELE 332 Reading Evaluation 3
- ESE 406 Foundations of Mental Handicaps 3
- ESE 407 Curriculum for Mentally Handicapped 3
- ESE 408 Classroom Procedures - Mental Handicaps 3
- ESE 435 Survey of Exceptional Children 3
- ESE 438 Educational Assessment of Exceptionalities 3
- ESE 440 Introduction to Language & Speech Disorders 3
- ESE 453 Development of Vocabulary/Functional Life Skills 3
- ESE 458 Classroom Management of Exceptional Students 3

**ELECTIVES**

**TOTAL DEGREE REQUIREMENTS**
### Exceptional Student Education for Professional Studies Students

#### Emotional Handicaps, K-12

**CORE REQUIREMENTS:**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EDU 336</td>
<td>Educational Psychology</td>
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<td>EDU 342</td>
<td>Sociological Foundations of Education</td>
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<tr>
<td>EDU 452</td>
<td>Internship</td>
<td>9</td>
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<tr>
<td>ELE 316</td>
<td>Teaching Mathematics in Elementary School</td>
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</tr>
<tr>
<td>ELE 318</td>
<td>Teaching Language Arts in Elementary School</td>
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<td>ELE 331</td>
<td>Reading Skills in Elementary School</td>
<td>3</td>
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<tr>
<td>ELE 332</td>
<td>Reading Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ESE 420</td>
<td>Foundations of Emotional Handicaps</td>
<td>3</td>
</tr>
<tr>
<td>ESE 421</td>
<td>Behavior Management and Emotional Handicaps</td>
<td>3</td>
</tr>
<tr>
<td>ESE 429</td>
<td>Educational Programs for the Emotionally Handicapped</td>
<td>3</td>
</tr>
<tr>
<td>ESE 432</td>
<td>Precision Teaching</td>
<td>3</td>
</tr>
<tr>
<td>ESE 453</td>
<td>Development of Vocabulary/Functional Life Skills</td>
<td>3</td>
</tr>
<tr>
<td>ESE 458</td>
<td>Classroom Management of Exceptional Students</td>
<td>3</td>
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**MAJOR REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
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<tr>
<td>EDU 342</td>
<td>Educational Psychology</td>
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</tr>
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<td>3</td>
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<td>ESE 429</td>
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<tr>
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<td>Precision Teaching</td>
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</tr>
<tr>
<td>ESE 453</td>
<td>Development of Vocabulary/Functional Life Skills</td>
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<tr>
<td>ESE 458</td>
<td>Classroom Management of Exceptional Students</td>
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</table>

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:** 120

### Secondary Education for Professional Studies Students

**CORE REQUIREMENTS:**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDU 336</td>
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<td>EDU 342</td>
<td>Sociological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 434</td>
<td>Learning Assessment</td>
<td>3</td>
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<tr>
<td>EDU 447</td>
<td>Teaching: Principles and Practices</td>
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<tr>
<td>EDU 448</td>
<td>Classroom Management of Exceptional Students</td>
<td>3</td>
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<td>EDU 452</td>
<td>Internship</td>
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<td>SEC</td>
<td>Teaching Secondary</td>
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**MAJOR REQUIREMENTS:**

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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>EDU 336</td>
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<tr>
<td>EDU 342</td>
<td>Sociological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 412</td>
<td>Children's Literature</td>
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<td>EDU 452</td>
<td>Internship</td>
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<td>ELE 316</td>
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</tr>
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<td>3</td>
</tr>
<tr>
<td>ESE 421</td>
<td>Behavior Management and Emotional Handicaps</td>
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<tr>
<td>ESE 429</td>
<td>Educational Programs for the Emotionally Handicapped</td>
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</tr>
<tr>
<td>ESE 432</td>
<td>Precision Teaching</td>
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<tr>
<td>ESE 453</td>
<td>Development of Vocabulary/Functional Life Skills</td>
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<tr>
<td>ESE 458</td>
<td>Classroom Management of Exceptional Students</td>
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**SPECIALTY: According to Certification Requirements for Content Area**

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ESE 420</td>
<td>Educational Assessment of Exceptionalities</td>
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<tr>
<td>ESE 421</td>
<td>Behavior Management and Emotional Handicaps</td>
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<tr>
<td>ESE 429</td>
<td>Educational Programs for the Emotionally Handicapped</td>
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<tr>
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<td>Precision Teaching</td>
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<td>ESE 453</td>
<td>Development of Vocabulary/Functional Life Skills</td>
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<tr>
<td>ESE 458</td>
<td>Classroom Management of Exceptional Students</td>
<td>3</td>
</tr>
</tbody>
</table>

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:** 120

### Exceptional Education Specialties

Nova College offers specialties in Specific Learning Disabilities, Emotional Disturbance, and Mental Retardation. Students must complete 9 credits in the specific exceptionality in which the certification is sought. Added to these are 9 credits common to the three areas.

#### Specific Learning Disabilities Specialty

- EDU 433 Identification and Remediation of Learning Disabilities
- EDU 439 Individualization of Diagnosis and Instruction for the Learning Disabled Child
- EDU 458 Classroom Management of the Exceptional Student

#### Emotional Disturbance Specialty

- EDU 429 Education Programming for the Emotionally Disturbed
- EDU 432 Precision Teaching and Behavior Modification
- EDU 458 Classroom Management of the Exceptional Student

#### Mental Retardation Specialty

- EDU 406 Foundations of Mental Retardation
- EDU 407 Curriculum for Mental Retardation
- EDU 408 Classroom Procedures for Mental Retardation

Additional credits required in all areas of exceptionality are:

- EDU 435 Survey in the Education of Exceptional Children
- EDU 438 Educational Assessment of Exceptional Children
- EDU 440 Introduction to Language Development and Speech Disabilities

### Early Childhood Administration Specialty

The Specialty in Early Childhood Administration has been designed to benefit individuals currently working in kindergarten and pre-school facilities. Courses have been developed by educational specialists and practicing experts in the field. The Early Childhood Administration Specialty can be taken apart from a degree program. (Prerequisite: PSY 111)

- EDU 226 Administration of Early Childhood Programs
- EDU 340 Administrative Leadership and Decision Making for Early Childhood
- EDU 341 Curriculum Decisions of Administration of Early Childhood Programs
- PSY 238 Child and Adolescent Development
LIBERAL ARTS

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

Legal Studies

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

Liberal Arts

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 area are designed to assist students in developing analytical and communication skills and an understanding of economic, political, and social contexts within which legal issues arise.

The Liberal Arts major is designed for students wishing to gain a broad background in the various disciplines included in the liberal arts, such as literature, the arts, history, political studies, philosophy, psychology, sociology and anthropology, as well as a concentration in one particular area. The courses in this major are intended to aid students in developing analytical and communication skills, aesthetic responsiveness, moral imagination and intellectual integrity.
### Legal Studies for Professional Studies Students

**CORE REQUIREMENTS:**

**MAJOR REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HUM 321</td>
<td>Ethics</td>
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<tr>
<td>LGS 201</td>
<td>Law in Action</td>
<td>3</td>
</tr>
<tr>
<td>LGS 210</td>
<td>The Legal Profession</td>
<td>3</td>
</tr>
<tr>
<td>LGS 240</td>
<td>Comparative Legal Systems</td>
<td>3</td>
</tr>
<tr>
<td>* LGS 260</td>
<td>Women and the Law</td>
<td>3</td>
</tr>
<tr>
<td>* LGS 261</td>
<td>Cultural Minorities and the Law</td>
<td>3</td>
</tr>
<tr>
<td>* LGS 262</td>
<td>Children and the Law</td>
<td>3</td>
</tr>
<tr>
<td>* LGS 263</td>
<td>Law and Popular Culture</td>
<td>3</td>
</tr>
<tr>
<td>* LGS 264</td>
<td>Judiciary and Democracy</td>
<td>3</td>
</tr>
<tr>
<td>LGS 301</td>
<td>Constitutional History I</td>
<td>3</td>
</tr>
<tr>
<td>LGS 302</td>
<td>Constitutional History II</td>
<td>3</td>
</tr>
<tr>
<td>LGS 326</td>
<td>Law and American Culture</td>
<td>3</td>
</tr>
<tr>
<td>** LGS 333</td>
<td>History of Political Thought I</td>
<td>3</td>
</tr>
<tr>
<td>** LGS 334</td>
<td>History of Political Thought II</td>
<td>3</td>
</tr>
<tr>
<td>LGS 366</td>
<td>Philosophy of Law</td>
<td>3</td>
</tr>
<tr>
<td>LGS 405</td>
<td>Civil and Political Liberties</td>
<td>3</td>
</tr>
<tr>
<td>LGS 426</td>
<td>Law and the American Mind</td>
<td>3</td>
</tr>
<tr>
<td>LGS 430</td>
<td>Legal Research/ Writing and Mock Trial</td>
<td>3</td>
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<tr>
<td>LGS 441</td>
<td>International Law</td>
<td>3</td>
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<tr>
<td>*** LGS 440</td>
<td>Special Topic in Legal Studies</td>
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<tr>
<td>*** LGS 445</td>
<td>Capstone Course in Legal Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of four * courses

Choose one of two ** courses

Choose one *** option for Senior Legal Studies Project

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:**

### Liberal Arts for Professional Studies Students

**CORE REQUIREMENTS:**

**MAJOR REQUIREMENTS**

<table>
<thead>
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<tr>
<td>HUM 231</td>
<td>Critical Thinking</td>
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<td>HUM 321</td>
<td>Ethics</td>
<td>3</td>
</tr>
<tr>
<td>HUM 333</td>
<td>History of Political Thought I</td>
<td>3</td>
</tr>
<tr>
<td>HUM 334</td>
<td>History of Political Thought II</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 351</td>
<td>American Literature</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 356</td>
<td>English Literature I</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 357</td>
<td>English Literature II</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one * course

Students will take six credits from each of the four following menus (a total of 24 credits) and an additional 9 credits of concentration from one menu, 6 credits of which must be at the 300 level or above.

**MENU I: Art, Music and Film Studies**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>HUM 214</td>
<td>King Arthur in Legend and Art</td>
<td>3</td>
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<tr>
<td>HUM 218</td>
<td>Myth and Art</td>
<td>3</td>
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<tr>
<td>HUM 220</td>
<td>Non-Western and Modern Art</td>
<td>3</td>
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<tr>
<td>HUM 240</td>
<td>The Theater Arts</td>
<td>3</td>
</tr>
<tr>
<td>HUM 254</td>
<td>Introduction to Film Criticism</td>
<td>3</td>
</tr>
<tr>
<td>HUM 353</td>
<td>Films as Literature</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 375</td>
<td>Music Through History</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 381</td>
<td>Art and Society</td>
<td>3</td>
</tr>
<tr>
<td>HUM 400</td>
<td>Women in the Arts and Humanities</td>
<td>3</td>
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</tbody>
</table>

*M May not be used to fulfill major requirements if chosen to satisfy Humanities I Core Requirement.

**MENU II: Literature and Philosophy**

<table>
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<tr>
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<tr>
<td>* HUM 205</td>
<td>The Self and Literature</td>
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<tr>
<td>* HUM 207</td>
<td>Politics and Literature</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 208</td>
<td>Existentialism and Literature</td>
<td>3</td>
</tr>
<tr>
<td>* HUM 209</td>
<td>Literature and the Problem of Knowledge</td>
<td>3</td>
</tr>
<tr>
<td>HUM 230</td>
<td>Philosophical Issues</td>
<td>3</td>
</tr>
<tr>
<td>HUM 306</td>
<td>Women and Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUM 322</td>
<td>Science and Modern Thought</td>
<td>3</td>
</tr>
<tr>
<td>HUM 333</td>
<td>Contemporary Latin American Fiction</td>
<td>3</td>
</tr>
<tr>
<td>HUM 351</td>
<td>American Literature</td>
<td>3</td>
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<tr>
<td>HUM 356</td>
<td>English Literature I</td>
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<tr>
<td>HUM 357</td>
<td>English Literature II</td>
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<td>HUM 355</td>
<td>Irish Literature</td>
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<tr>
<td>HUM 451</td>
<td>Eastern Thought</td>
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*M May not be used to fulfill major requirements if chosen to satisfy Humanities II Core Requirement.

CONTINUED on next page
Liberal Arts for Professional Studies Students, continued

MAJOR REQUIREMENTS, Continued

MENU III: History and Political Studies
HIS 103 American History to 1865 3
HIS 104 American History Since 1865 3
HIS 209 Early Western Society 3
HIS 211 Modern Western Society 3
HIS 321 The Great Individual in History 3
HIS 410 Emerging Nations 3
HIS 460 Studies in Revolution 3
HUM 210 Freedom and Totalitarianism 3
HUM 260 Women and Law 3
HUM 310 The American Character 3
HUM 402 Women and Political Theory 3
LGS 301 Constitutional History I 3
LGS 302 Constitutional History II 3
LGS 326 Law and American Culture 3
LGS 426 Law and the American Mind 3
HUM 402 Women and Political Theory 3

MENU IV: Humanity and Society
HUM 301 The Individual and Society 3
HUM 216 Introduction to International Studies 3
ITS 331 The Theory and Practice of International Relations 3
LGS 240 Comparative Legal Systems 3
LGS 261 Cultural Minorities and the Law 3
PSY 336 Psychology of Women 3
SOC 202 Introduction to Sociology 3
SOC 221 Folklore 3
SOC 222 The Modern City 3
SOC 231 Contemporary Life Styles 3
SOC 311 Women and Society: Cross Cultural Perspectives 3

ELECTIVES: 24

TOTAL DEGREE REQUIREMENTS: 120

Legal Studies Specialty

This program is designed to provide a sound understanding of the American legal system and its interaction with other aspects of American culture. It is especially suggested for those students who plan careers in business or government or intend to go to law school. (Prerequisite: LAN 112)

LGS 201 Law in Action: Introduction to Legal Reasoning
LGS 210 The Legal Profession
LGS 301 Constitutional History I
LGS 302 Constitutional History II
LGS 333 History of Political Thought OR
LGS 326 Law and American Culture OR
LGS 426 Law and the American Mind

Latin American and Caribbean Studies Specialty

This program provides a broad cultural base for students who plan careers involving Latin American and Caribbean peoples in business, government, psychological services, or education. The certificate program is not a major but must be completed in conjunction with one of the Nova College majors. The requirements for this program are as follows:

The student will complete 24 credits of courses with a Latin American and Caribbean emphasis. Appropriate courses taken within the major may satisfy part of these requirements. Spanish language courses at the 200 level or above also may satisfy part of this requirement.

The student will take at least 9 of the 24 required credits outside his or her major.

The student will have to demonstrate competency in an appropriate foreign language. This requirement may be satisfied either through course work or by examination.

Courses currently offered as part of the Nova College curriculum that are automatically applicable toward the specialty in Latin American and Caribbean Studies are —

SOC 112 Human Origins and Diversity
LAC 213 Latin American and Caribbean Studies
LAN 223 Intermediate Spanish
LAC 240 Comparative Legal Systems
BUS 255 Introduction to International Business
LGS 261 Cultural Minorities and the Law
LGS 326 Law and American Culture
In addition to the above mentioned courses, a large number of existing courses may be approved by the Program Coordinator as applicable toward the specialty in Latin American and Caribbean Studies.

Women's Studies Specialty

The Women's Studies program is designed to explore the challenges and issues that confront women in society. An interdisciplinary program, it covers such topics as business, law, philosophy, science, literature, anthropology, psychology, gerontology and the arts. Students may complete a specialty with five of the courses offered for a total of 15 credits. For most instances, the Women's Studies courses may satisfy humanities electives in the core curriculum. Individual courses are also open to the general student population.

Courses that may be used towards earning a Women's Studies Specialty are:

- WMS 260 Women and Law
- WMS 305 Feminist Theory
- WMS 302 Women's Studies Practicum
- WMS 306 Women and Literature
- WMS 311 Women and Society: Cross Cultural Perspectives
- WMS 319 Women and Aging
- WMS 324 Women and Business
- WMS 336 Psychology of Women
- WMS 400 Women in the Arts and Humanities
- WMS 402 Women and Political Theory
- WMS 405 Women and Science

MATH, SCIENCE AND TECHNOLOGY

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

Life Sciences (Pre-Medical)

Ocean Studies

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 and veterinary schools and of schools for graduate study in the biological sciences. The curriculum for this major does not appear in this catalog as it is currently in the final stages of development.

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 specialty in marine biology which is designed as a solid basis for entering the field of ocean science as well as preparation for further graduate study in this area.

Core Requirements for Professional Studies Students in Math, Science and Technology Majors

**CORE REQUIREMENTS:**

**COMMUNICATIONS AND HUMANITIES**

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>HIS 105</td>
<td>The American Experience</td>
<td>3</td>
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<tr>
<td>HIS 210</td>
<td>Roots of Western Society</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities I Choose one course: HUM 218, HUM 220, HUM 240, HUM 373 or HUM 381</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities II Choose one course: HUM 206, HUM 207, HUM 208, HUM 209</td>
<td>3</td>
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<tr>
<td>HUM 321</td>
<td>Ethics</td>
<td>3</td>
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<tr>
<td>LAN 111</td>
<td>Critical Reading and Writing I</td>
<td>3</td>
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<tr>
<td>LAN 112</td>
<td>Critical Reading and Writing II</td>
<td>3</td>
</tr>
<tr>
<td>LAN 201</td>
<td>Fundamentals of Public Speaking</td>
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</tbody>
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(CONTINUED ON THE NEXT PAGE)
Core Requirements for Professional Studies Students in Math, Science and Technology Majors, CONTINUED

SCIENCE AND TECHNOLOGY

CAP 111 Computer Literacy 3
MAT 120 Precalculus I 3
MAT 125 Precalculus II 3
MAT 302 Applied Statistics 3
* Students may select MAT 109 and MAT 210 or MAT 210 and MAT 220 based on placement and permission from counselors. LIFE SCIENCES (PREMEDICAL)
MAJORS MUST TAKE MAT 210 AND MAT 220.

BEHAVIORAL AND SOCIAL SCIENCES

LAC 213 Latin American and Caribbean Studies 3
PSY 102 Introduction to Psychology 3
SOC 112 Human Origins and Diversity 3

BUSINESS AND ADMINISTRATIVE STUDIES

ECO 201 Principles of Macroeconomics 3

Ocean Studies for Professional Studies Majors

CORE REQUIREMENTS: 48

MAJOR REQUIREMENTS: 56

HUM 322 Science & Modern Thought 3
LSC 150 Introduction to Biological Sciences/Lab 3
LSC 220 General Botany/Lab 4
LSC 230 Animal Structure-Function I/Lab 4
LSC 231 Animal Structure-Function II/Lab 4
LSC 320 General Ecology/Lab 4
LSC 340 Microbiology/Lab 4
LSC 360 Genetics and Evolution 4
OCE 250 Introductory Oceanography 3
OCE 400 Oceanography Seminar I 1
OCE 401 Oceanography Seminar II 1
OCE 402 Oceanography Seminar III 1
PHY 230 General Chemistry I/Lab 4
PHY 231 General Chemistry II/Lab 4
PHY 235 Applied Physics I/Lab 4
PHY 236 Applied Physics II/Lab 4
PHY 325 Bio-organic Chemistry/Lab 4

SPECIALTY REQUIREMENTS: 15

LSC 330 Cellular Biology and Physiology 3
OCE 450-452 Directed Research Project I-III 6
PHY 205 Physical Geology/Lab 3
PHY 215 Historical Geology/Lab 3

ELECTIVES: 6

TOTAL DEGREE REQUIREMENTS: 125
CAREER DEVELOPMENT PROGRAMS

Adult undergraduate learners are people who 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 seeking career changes who are trapped by their present responsibilities. These people are faced with changing careers; transitional roles; new technology; increasing information demands; and intellectual, leisure, cultural, and social needs. Usually they are returning to education to increase their competency in a variety of adult roles and to expand their career opportunities.

Nova recognizes that most adults seek higher education to enhance their career status as workers, students, spouses, parents, leisurites, even as children concerned, for example, with aging parents. A successful educational program for these individuals must intend to make each of these roles rewarding.

Two elements of the adult educational design, therefore, are related to this reward. One, the program must increase the skills and performance of the student in career related areas. Two, the program must be built around the student's present condition of family and employment. Research continues to show that the reasons adults chose not to go to school are time, travel, and family responsibilities - in other words, inconvenience. In order for higher education to be palatable for adults - particularly for adults in greatest need - it must not come at the sacrifice of their responsibilities on the job or in the home. Nova has successfully developed specific educational programs with this purpose and condition in mind.

Uniqueness. The following characteristics help to make the Career Development Program programs effective:

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

Courses in the 8- and 9-week terms meet once each week in four- and four-and-a-half-hour sessions. Courses in 16-week terms meet for two hours each week.
Occasionally it becomes necessary to close classes because of capacity enrollments or to cancel classes because of insufficient enrollment. In these cases, the College makes every effort to notify the affected students prior to the first class meeting, thereby allowing these students to register for other courses if they so desire.

**Convenient Locations.** Nova undergraduates meet on the main campus of Nova University in Fort Lauderdale, and at various off-campus locations including Clearwater, Cocoa Beach, Ft. Pierce, Gainesville, Largo, Miami, Ocala, Orlando, Tampa, Venice, West Palm Beach, and a number of corporate sites.

**Pragmatic Teaching.** Undergraduate programs at Nova are designed to be meaningful to the adult student. The faculty consists primarily of working professionals who are fully qualified to teach. They, therefore, bring with them into the classroom both academic expertise and first-hand knowledge of the pragmatic application of the subject matter of their courses.

**Student Population.** Ninety-five per cent of our students are over twenty-one years old. Sixty per cent are over thirty. Most have families and jobs. They are rich in experience and very diverse in background. They are highly motivated and very interested in helping each other succeed. Most have attended college previously and are now finishing a bachelor's degree in anticipation of new opportunities and possibly graduate education.

**Responsive Counseling.** The staff of the College is committed to assisting students achieve their educational goals. Counselors, faculty, and staff are eager to advise students in setting career and personal growth goals and planning for optimal progress in working toward them. Counselors are available in the evening by appointment.

**Experiential Learning.** Through RECALL (review and evaluation of career and lifelong learning) the College allows students to gain credit for certain learning experiences they have had throughout a lifetime. Most credit from previous college work is transferable. Credit can also be gained from the CLEP testing program and from past experiences that have produced college level learning. As much as ninety hours of college credit may be granted through RECALL.

**Special Programs.** The College has designed specialized credit and non-credit programs for working adults. Baccalaureate degree-completing programs are offered in accelerated curricula to holders of the associate degree or its equivalent. The College also has the ability to respond 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 as well as adaptations of specialty certificate and other degree programs are offered in a cluster format wherever there is sufficient interest shown by qualified students.

**ADMISSION**

In keeping with a humanistic philosophy valuing individual worth and differences, the College for Career Development considers applicants in terms of their potential for success. Nova University admits students regardless of race, creed, color, handicap, sex, and national or ethnic origin. Applicants are required to —

1. Submit a completed application form and the $30 nonrefundable application fee to:
   
   **Nova University Career Development Program**
   **Office of Undergraduate Admissions**
   **3301 College Avenue**
   **Fort Lauderdale, FL 33314**

2. Submit official high school or college transcript(s),

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

**Acceptance to the College for Career Development.** As soon as we have the completed application form and fee on file, and proof of high school graduation (or its equivalent), you are admitted to the College for Career Development as a degree-seeking student. Acceptance into a major program of study can be effected only after you have:

1. Submitted official transcripts of all previous college work.
2. Declared a major and had your program evaluated by a counselor.
3. Completed required placement tests and/or competency tests.
4. (Freshmen - new students) completed 30 semester hours at Nova with at least a 2.0 Q.P.A. Transfer students must complete 12 semester hours at Nova with at least a 2.0 Q.P.A.
5. Met any additional requirements as specified by an academic department for a particular major.*

*Education majors must have a score of 840 on the S.A.T. or 19 on the A.C.T.
When your official transcripts have been received, your credentials will be evaluated and you will be notified of your status. After the initial evaluation of your program, an advisor or a counselor will be available to help you update your curriculum sheet each time you register.

**Special Student.** You may want to take one course or several courses or a specialty program without enrolling for a degree program. In this case, indicate "special student" on the application form. You may then register for a course after submitting an application and application fee. As a Special Student you are not eligible for a degree unless you follow the regular admissions procedures.

**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 students must—

1. Submit all secondary school and college level transcripts. Transcripts must be in official English language translation (this applies to transcripts that are not already in English). Applicants must have the equivalent of an American high school diploma.

2. Achieve a score of 500 or higher on the TOEFL exam or 400 on the SAT (verbal section). If you do not achieve the require score, you may wish to enroll in Nova University's Intensive Language Program.

3. Submit a letter from a financial institution indicating that you are able to meet all costs of your education without financial aid from Nova University. The minimum amount is determined by the budget prepared by the Nova University Office of Student Financial Planning and Resources. A notarized letter from a sponsor is required if you are sponsored by a public or private organization or an individual. The financial guarantee must include provisions for any dependents who will be residing in the United States with you.

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

After all of the above information is received and you are accepted, an acceptance letter will be sent to you. An I-20 will be issued after we receive a $200 tuition deposit.

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**INFORMATION AND COUNSELING**

Choosing a college is not a paper process; it requires a dialogue with people who are knowledgeable about the many choices to be made. We strongly urge you to talk with one of our counselors either in person or by phone. We would like to help you answer three important questions: whether you should go to college, where you should go to college, and when you should go to college. These questions have career, financial, and academic implications for you. Our counselors have talked with thousands of individuals facing the same decisions. For many potential students Nova has been the answer; to others, Nova is not the appropriate match for their needs, but other recommendations are made. Please take this opportunity to make the right decision.

Call 475-7034 (in Fort Lauderdale) for an application or a personal counseling appointment. From Dade, call 940-6447, extension 7034; students from other locations should call 1-800-432-5021, extension 7034.

**COMBINED MAJORS, MINORS, AND SPECIALTIES**

The College for Career Development offers you the opportunity to acquire substantial credit in a second major or specialty area. You should check with an advisor as to which majors may be combined. Whenever requirements for a specialty or permissible second major are completed, you need to request, through a student action form, that this information be made a permanent part of your official academic transcript. By judiciously selecting elective courses or by the completion of a few additional credits, you can acquire recognizable competence in more than one academic area.

**SECOND BACHELOR'S DEGREE**

If you have a bachelor's degree from a regionally accredited institution other than Nova University, you may earn a second bachelor's degree from Nova by completing a minimum of 30 additional credits at the College for Career Development. At least 50 per cent of all credits required in the selected major must be taken at Nova.

**RECALL**

(Review and Evaluation of Career and Lifelong Learning). The College for Career Development extends experiential credit and credit for prior learning when it is appropriate to a degree program and when college-level learning has been demonstrated. To assure academic quality and fairness to
students, the RECALL process is used. With counselor assistance, each student can examine how to earn credit for prior learning experiences through transfer, testing, and portfolio development.

TRANSFER CREDITS

The College for Career Development welcomes students who have earned college credits at another regionally accredited college or university. Students who plan to transfer to Nova should contact a Nova counselor to discuss how prior college credits can be used for their Nova degree. Community college students should contact a Nova counselor as early in their college career as possible to choose courses that will transfer to Nova and be appropriate for their intended bachelor's degree.

Transfer students must submit official academic transcripts from their previous colleges. Their previous academic work will then be evaluated. The College will transfer a maximum of 90 eligible credits (including credit for CLEP, Proficiency Examinations, and prior experiential learning) toward their degrees (a maximum of 66 credits can be transferred from a community college). The remaining credits must be earned at Nova in regular academic offerings. At least 50% of the credits in the student's major area and specialty must be earned at Nova in regular academic offerings.

Evaluation of CLEP examinations, transfer credits, and experiential learning 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 Nova. Experiential Learning or CLEP process must be started during the first 16 weeks at Nova.

Under exceptional circumstances students may be permitted to take courses at another college while enrolled at Nova. However, credit will be transferred only if there is prior written approval from the academic director or program advisor and an earned grade of "C" or better. Students taking courses at more than one center within Nova University must also receive written approval from a counselor.

TESTING CREDITS

Students may earn college credit through the College Level Examination Program (CLEP), Proficiency Examination Program (PEP), and Advanced Placement Examinations (AP).

CLEP is administered at Nova University through the College Board. To receive credit through CLEP exams at Nova, a student must score in at least the 50th percentile. Before applying to take any of the CLEP tests, a student should consult an academic counselor to be sure that the credits granted through the exams are applicable to the student's course of study.

Requests for AP and PEP credit should be discussed with the Testing Specialist in the Advising Center.

PORTFOLIO CREDITS

At Nova, what a student can do with learning is more important than how it was learned. If a student can demonstrate knowledge and skills comparable to those of a college-trained student and those skills are appropriate to the student's course of study, the College will award academic credit for those skills and that knowledge.

To earn credit for prior experiences outside the traditional college classroom, the student must be able to state and document the skills and knowledge, and the skills and knowledge must be measurable.

Applications and counseling for prior learning credit are available from the Advising Center. Call 475-7527.

INTERNSHIP REQUIREMENT

The Education Internship Program (student teaching and seminar) is offered each academic year in the Fall and Winter terms as EDU 452. Students are eligible for the Internship if they have earned 108 credits, including the required methods courses; have passed the SAT with a minimum score of 840 or the ACT with a minimum score of 17; have a minimum QPA of 2.5; and have a minimum QPA of 2.5 in the major. Internship dates are published in Nova College class schedules.

Applications should be received by March 15 for the Fall term and August 1 for the Winter term. Application forms may be obtained in the Education office or from off-campus site coordinators. All questions about the Internship should be directed to the Education Office. Main Campus students, call 475-7354; all other students may call 1-800-541-6682, extension 7354.
FINANCES AND STUDENT AID

TUITION AND FEE SCHEDULE FOR 1990-91**

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Rate</th>
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<tbody>
<tr>
<td>Application fee (nonrefundable)</td>
<td>$30.00</td>
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<tr>
<td>Registration fee (nonrefundable)</td>
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<tr>
<td>Late registration fee (nonrefundable)</td>
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<tr>
<td>Tuition Deferment Fee</td>
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<td>Tuition (per semester credit hour)</td>
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<tr>
<td>Tuition - 9-week computer science and engineering courses (per semester credit hour)</td>
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<td>CLEP (payable to College Level Examination Program) per test</td>
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<td>Graduation Fee</td>
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<td>Laboratory Fee (for computer courses)</td>
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<td>Materials Fee - variable where applicable</td>
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<tr>
<td>Student Services Fee (per semester)</td>
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<tr>
<td>Placement Examination</td>
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<tr>
<td>Portfolio Evaluation* (per credit requested)</td>
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<tr>
<td>Standard Grant* (per credit requested)</td>
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<tr>
<td>Transcript Fee (first copy, no fee)</td>
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<tr>
<td>Credit by Examination (3 credits)</td>
<td>$125.00</td>
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<tr>
<td>Cap and Gown rental - fee assessed at time of graduation</td>
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* Students seeking credit through portfolio or standard grant should talk with the Coordinator of Prior Learning. Credit requested is not necessarily granted.

** 1990-91 tuition and fees subject to Board of Trustees approval.

REGISTRATION

Each term at Nova has a designated registration period. Any student who completes registration after the close of the official registration period will be assessed a late fee.

To register in person, submit your completed registration form to the Registrar's Office, Parker Building, third floor. The office is open Mondays through Thursdays 8:30 a.m. to 7:00 p.m., Fridays 8:30 a.m. to 6:00 p.m., and Saturdays 8:30 a.m. to 1:00 p.m. Tuition and fees must be paid at the time of registration to the Accounts Receivable Office, Parker Building, third floor. Accounts Receivable is open Monday through Thursday 8:30 a.m. to 7:00 p.m., Friday 8:30 a.m. to 6:00 p.m. and Saturday 9:00 a.m. to 12:00 p.m. The registration form with payment for tuition and fees may also be mailed to the Registrar's Office, Nova University, 3301 College Avenue, Fort Lauderdale, Florida 33314.

PAYMENT POLICY

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

Students receiving financial aid are allowed to consider amounts of loans and other aid, as shown on their official award letter, 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. A copy of the official award letter must be returned with the registration form.

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 post-dated 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 $50.00 fee for this option; this fee and other charges (excluding tuition) must be paid at the time of registration.

Full-time undergraduates may also elect to pay in three installments: 50% at registration, 25% sixty days after registration and 25% ninety days after registration. Post dated checks or credit card authorizations for the two later payments must be provided at the time of registration, along with the $50.00 fee for this option.

Change of Registration

The Change of Registration Period is the first two weeks of a term. A student may drop a course during the first two weeks of the course by submitting a Change of Registration form, available in the Registrar's Office. A mailed written statement must be received during the first two weeks of the course. A course dropped in this manner will not appear on the student's record. Such a drop may qualify the student for a refund if the process described below is followed. To withdraw from a course after the Change of Registration Period, see Withdrawal Policy, page 121. Written permission
must be received from the instructor or program advisor to add a course after
the course has already begun.

Refunds

Fees other than tuition are not refundable. Students who wish to receive
a refund of tuition upon withdrawal from a course must complete an official
change of registration form. Withdrawal (see Withdrawal Policy, page 121) in
itself is not a reason for an automatic refund. When a refund is granted, the
following schedule applies:

For a 100% refund: notice of drop in writing must be received by the
Registrar before the first class meeting.

For a 75% refund: notice of drop in writing must be received before the
second week of class meetings, regardless of class attendance.

For a 50% refund: notice of drop in writing must be received before the
third week of class meetings, regardless of class attendance.

No refunds will be granted after the third week of class meetings,
regardless of class attendance.

Refunds will be based on the postmark date of written notification, not
on the last date of attendance.

Exceptional Circumstances

Refunds or credits to your account for exceptional circumstances after
the first day of class will be considered only when the following terms are
satisfied:

1. MEDICAL - A doctor's explanation should be submitted indicating why
you should not continue in class or why your school load should be
decreased. Dates of illness are required to determine if this illness
occurred during the term. For a hospital stay, receipts (with dates) must
be provided.

2. EMPLOYMENT EMERGENCY - A letter from the Personnel Office
of your employer should be submitted stating dates and reasons you
were unable to attend.

3. Other reasons must be supported by a written explanation of why you
were unable to attend. Dates and receipts, if appropriate, must be
included. Each situation will be handled on an individual basis.

It is the responsibility of the student to provide the necessary
documentation to the Director of Student Affairs who will then approve or
disapprove the request and submit it to the Registrar's Office.

If a 100% refund or credit is granted, the course or courses will be
removed from the student's record.

STUDENT FINANCIAL ASSISTANCE 1990-91

The Office of Student Financial Aid administers the University's
financial aid programs of grants, loans, scholarships and student employment.
In addition, professional financial planning counselors can help students plan
for the most efficient use of their financial resources for education.

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

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

* A student must be a U.S. citizen or be in the United States for other than
temporary purposes, and must be enrolled at least half-time (6 hours per
semester) in a degree-seeking program in order to receive financial assistance.

A prospective student who will require financial aid in order to attend the
University should apply for financial assistance while a candidate for
admission. Students must complete the University's Financial Aid
Application, and submit the Financial Aid Form (FAF) to the College
Scholarship Service (CSS) 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 ap-
plications is April 1. New applications must be filed each year, whether or
not funds were received previously. In awarding available funds, pre-ference
is given to students who file their applications by the priority deadline date.
Generally, full-time students must earn 24 credits each academic year and
maintain a cumulative G.P.A. of 2.0 or higher in order to qualify for renewal
of financial assistance.

The following is a brief, general description of the major financial
assistance programs available through the Office of Student Financial Aid.
FEDERAL PROGRAMS

Pell Grant The Pell Grant program provides federal grant aid to needy undergraduate students who are enrolled at least half time (6 credits per term). Awards range from $200 to $2200 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 base on which all other aid is awarded.

Supplemental Educational Opportunity Grant (SEOG) The SEOG program provides additional grant assistance to needy undergraduate students. Funds are limited, and priority is given to full-time students who meet the April 1st deadline.

Stafford Guaranteed Student Loans (GSL) The Guaranteed Student Loan 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 8%. For students who borrow their first GSL after July 1, 1988, the interest rate will rise to 10% during the fifth year of repayment. Freshmen and sophomores can borrow up to $2625 per year; juniors and seniors may receive up to $4000 per year. Repayment begins six months after the student is no longer enrolled at least half time.

Perkins Loans (NDSL) This program offers long-term, 5% interest loans to students who are enrolled at least half time. Eligibility is based on financial need. Repayment begins nine months after the student is no longer enrolled at least half time. Priority is given to students who meet the April 1st deadline.

Supplemental Loans for Students/Loans for Parents (SLS/PLUS) This provides non-need-based loans to independent students and parents of dependent students. The annual maximum loan limit is $4000. Repayment begins 30 to 60 days after disbursement of the loan; however, payments may be deferred while the student is enrolled full time. The interest rate is variable but will not exceed 12%.

College Workstudy (CWS) Part-time jobs on campus are available for needy students through the CWS program. Generally, students work 15 to 20 hours per week. The rate of pay varies according to the job.

STATE PROGRAMS

Florida Tuition Voucher Fund (FTV) Full-time Professional Studies students may receive up to $1150 per year to offset the cost of tuition and fees, regardless of financial need. Students must be one-year Florida residents to qualify. A separate application form is required.

Florida Student Assistance Grant (FSAG) FSAG provides grants of up to $1,300 to needy undergraduates. Students must be enrolled full time, be one-year Florida residents, and meet the April 1st deadline.

Florida Academic Scholars Fund The Academic Scholars program rewards outstanding high school achievement by offering scholarships of up to $1000 per year. Students must be Florida residents and must be enrolled full time. These awards are renewable provided the student maintains a 3.2 grade point average. A separate application, available from Florida high schools or the Nova Office of Student Financial Aid, is required.

Florida Teacher Scholarship/Loan Students who are enrolled as juniors or seniors in a teacher education program and majoring in a critical teacher shortage area are eligible to apply for this program. The maximum Scholarship/Loan award is $4,000 per year for up to two years. Students who teach full time after graduation in a Florida school, will not be required to repay the loan. Students who do not meet these requirements will repay the loan at the designated interest rate. The absolute deadline is April 1st. A separate application form is required. SAT or ACT scores must be on file at Nova University before the deadline in order for applications to be processed.

Chappie James Most Promising Teacher Scholarship Program This scholarship is offered to one top graduating senior from each public secondary school in Florida. Priority will be given to candidates who plan to teach in critical teacher shortage areas identified by the State Board of Education. The maximum scholarship award is $4,000 per year for a maximum of four years. The recipient must agree to enter the public teaching profession in Florida for a minimum number of years equal to at least the number of years the scholarship was received. Application forms are available from high school guidance offices.

Seminole and Miccosukee Indian Scholarships Grants of up to $2000 per year are available to qualified members of the Seminole or Miccosukee Indian tribes. Applications are available from the Higher Education Committee of either tribe.
Florida College Career Work Experience Program (CCWEP) Part-time jobs off campus are available through this program for needy undergraduate students. Students must be two-year Florida residents to qualify and the positions held must be related to their academic majors.

NOVA UNIVERSITY SCHOLARSHIPS AND GRANTS

Nova annually offers scholarships and grants to both incoming and returning students. Eligibility and academic qualifications vary according to the award. In order to be considered for the initial selection, applicants must have a completed file, including the Financial Aid Form, by April 1, and be officially accepted. After April 1, awards will be made on a first come, first serve basis. These scholarships will be combined with other federal and state financial aid programs to help meet the financial need of students.

The Joseph W. Fordyce Scholarship This is a full tuition scholarship awarded annually to a full-time student from Broward Community College's Honors Program. This scholarship is funded by Nova College Career Development Programs. To be eligible, a student must be an adult learner excelling academically and have earned an honors certificate upon graduation from Broward Community College.

The Honor Medallion Scholarship This is a full tuition scholarship of two years duration awarded annually to a full-time criminal justice major who has graduated from Broward Community College.

Minority Matching Fund Scholarships These are matching fund scholarships restricted to community service organizations or recognized organizations with scholarship funds. Nova College will match the amount granted to an eligible full-time student by the organization. Maximum award is $1,000 per academic year, and may not exceed the student's unmet need as stated in his/her Nova Financial Aid file.

I.R.P. Endowed Scholarship Fund This fund, established by the Institute for Retired Professionals, provides annual grants to new and returning undergraduate students. A 3.25 high school or college GPA, an unmet financial need of over $3,000 (based on Nova Financial Aid file), and 2 letters of recommendation are required. Applications are available from Student Affairs or Financial Aid offices.

Donor Scholarships The University offers a number of academic scholarships which are made possible by donations to our scholarship fund. Awards are made throughout the year as funds become available, to eligible students who have filed an FAF and have at least a 3.0 grade point average. These scholarships are administered by the Office of Student Financial Aid.

OTHER SOURCES OF ASSISTANCE

The Office of Student Financial Aid maintains a Scholarship Source Library at our main campus office. Students may use the library's reference books to locate private sources of funding. We also maintain a file of pamphlets and brochures announcing special awards, fellowships, and grants. All students are invited to use these materials. Please call our office for an appointment. The University and public libraries, as well as commercial book stores, also provide financial aid reference books listing private scholarships. In addition, many high school guidance counselors and Chambers of Commerce are familiar with scholarships available for their areas.

DEADLINES

Applications for aid that are received by the Office of Student Financial Aid by April 1, 1990, will be given priority consideration for the upcoming academic year. Applications received after that date will be considered on a funds-available basis only.

Applications for the Florida Student Assistance Grant must be received by the College Scholarship Service in Princeton by April 15, 1990.

Applications for the Florida Tuition Voucher fund for the fall term must be received in the Office of Student Financial Aid no later than September 1, 1990. Applications for the winter Florida Tuition Voucher fund must be received by January 1, 1991.

GENERAL ELIGIBILITY REQUIREMENTS

In order to participate in the financial aid programs a student must--

1. be a citizen, a national or permanent resident of the United States, or in the U.S. for other than a temporary purpose, and provide proof to the Office of Student Financial Aid
2. be enrolled or accepted for enrollment at Nova University
3. be carrying or planning to carry at least one-half the full-time workload for the course of study being pursued
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 are noted in the descriptions of the programs.

NOTIFICATION OF AWARDS

Students who have applied before April 1, 1990, and are awarded aid by the University should receive notification by June 1, 1990. Students who have applied for a Pell Grant will receive a Student Aid Report (SAR). Students should submit all copies of the SAR to the Nova Office of Student Financial Aid for processing. Students who have applied for a Florida Student Assistance Grant will be notified by the Florida Department of Education.

The application process normally takes 6-8 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 academic year. Students requesting aid for the summer must complete a separate summer aid application.

RENEWAL OF AWARDS

Awards made by the University are not automatically renewed. All students must reapply for aid each academic year. Applications are available in January each year for the upcoming academic year.

ACADEMIC REQUIREMENTS FOR FINANCIAL AID

CLAST

Undergraduates who receive financial aid form any of the Florida state programs must take and pass the CLAST test. (CLAST stands for College Level Academic Skills Test.) It must be taken during the term in which you become a junior (i.e., 60 credits earned). You are exempt from this requirement ONLY if you earned an A.A. degree or had junior standing at Nova prior to August 1, 1985. (Contact the Nova College Student Affairs Office for test information.) Failure to take the test will result in the loss of Florida funding.

PROBATION AND SUSPENSION

Student Responsibility Students are responsible to adhere to the policies set forth in this catalog. Probation and suspension are effective as soon as grades are submitted by the instructors. Students who fall under either category as a result of these grades may be asked to withdraw from courses already begun in a succeeding term of registration.

Academic Probation Students failing to earn the minimum quality point average or higher after their first 12 credits of work attempted or to maintain at least the minimum quality point average thereafter will be placed on probation by the Academic Progress Committee. Academic probation is removed when the student earns a cumulative quality point average above the minimum quality point average based on the number of credits earned.

Qualitative Requirements

<table>
<thead>
<tr>
<th>Credits</th>
<th>QPA Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 29 credits:</td>
<td>1.50 QPA</td>
</tr>
<tr>
<td>30 - 59 credits:</td>
<td>1.85 QPA</td>
</tr>
<tr>
<td>60 + credits:</td>
<td>2.00 QPA</td>
</tr>
</tbody>
</table>

and the QPA requirement of the particular major

Progress Probation Students failing to complete at least 70% of their attempted credits each academic year will be placed on probation by the Academic Progress Committee. Progress probation is removed when the student completes at least 70% of the attempted credits in a subsequent trimester. Students attempting less than 12 credits in the academic year will be evaluated on their previous registrations.

Students are encouraged to seek counseling when their academic progress places them in danger of probation.

After being placed on probation, any student receiving financial aid must remove the probation during the next trimester enrolled to be eligible for further financial aid.

Suspension To avoid suspension, a student on probation must maintain the minimum quality point average as stated above and complete at least 70% of all courses attempted for each trimester of subsequent enrollment until probation is lifted. Otherwise the student will be placed on suspension for one trimester. Following this suspension, the student must request permission to be readmitted. Failure of a student to maintain the minimum quantity and quality point requirements in each of the two terms subsequent to being readmitted will result in FINAL SUSPENSION.
Any student placed on probation or suspension may file a petition for review by the Academic Progress Committee. A student placed on final suspension may, after a two-term absence, request to be readmitted.

FOR MORE INFORMATION

Contact the Office of Student Financial Aid, 3301 College Avenue, Fort Lauderdale, Florida 33314 (Parker Building, Third Floor). Phone: (305) 475-7411 or 475-7410. Long distance, dial 1-800-541-NOVA, ext 7411. Office hours are 8:30 A.M. to 7:00 P.M. Monday through Thursday and 8:30 A.M. to 5:00 P.M. Friday.

VETERANS BENEFITS

Nova University programs are approved for the training of veterans and other eligible persons by the Bureau of State Approval for Veteran's Training, State of Florida Department of Veteran's Affairs. For further information, contact:

Veterans Affairs
Office of the Registrar
Nova University
3301 College Avenue
Fort Lauderdale, Florida 33314
(305) 370-5685 or 370-5695

ACADEMIC INFORMATION

REQUIREMENTS

Skill Requirements. Students are expected to demonstrate skills appropriate for college work in all courses at Nova. Before or during the first term of enrollment, students will complete placement tests in writing and mathematics and will be advised as to appropriate course selection based on test results. The placement test must be taken before completion of no more than six semester hours. Students needing further development of skills required for College work will be counseled as to 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 100 and 200 levels. The passing of placement tests is prerequisite to enrollment in many courses including all initial mathematics and language courses.

English and Mathematics Requirements. All students are required to take the appropriate English composition and/or mathematics courses during their first term of enrollment at Nova. Freshmen must enroll in and successfully complete their English and mathematics sequence of courses in consecutive trimesters. If a student is unable to complete one of these courses successfully, he or she must re-enroll for the next term. Assistance in writing and math are provided by the Learning Resource Center.

Accelerated Course Expectations. To ensure that students can obtain maximum benefit from the Nova course format, most Career Development courses have assignments to be completed before the first meeting. These assignments are posted on the Student Services Bulletin Board and are available through academic offices during registration. The course outline 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 set forth in the course outline. Courses with 300 and 400 numbers are considered to be upper division college level and require in-depth preparation and performance. Students experiencing difficulty keeping up with course requirements should consider reducing their course load.

Nova programming for adult learning makes class attendance essential. If an emergency necessitates an absence, a makeup assignment should be planned in consultation with the instructor.
**Grades**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
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<tr>
<td>C-</td>
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<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
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</tr>
<tr>
<td>W</td>
<td>Withdrawn Without Penalty</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>P</td>
<td>Pass</td>
</tr>
<tr>
<td>NG</td>
<td>No Grade (not assigned by instructor)</td>
</tr>
<tr>
<td>AU</td>
<td>Audit</td>
</tr>
</tbody>
</table>

**Quality Point Averages** A student’s academic standing for a specific term is the quality point average (QPA). The QPA is calculated by dividing the total quality points earned by the total quality point credits in the Professional Studies Program in a term. The student’s overall academic standing is the cumulative quality point average (CQPA). The CQPA is calculated by dividing the total quality points earned by the total quality point credits in the Professional Studies Program.

**Progress/Grade Reports** Students will be provided a progress/grade report at the end of every term. A copy of the report will be placed in the student’s permanent file maintained by the school. Students are protected by legal provisions that prohibit the release of personally identifiable information to other than legally authorized persons and to inspect, review, and challenge such information as provided by law.

**Standards of Progress for VA Students** VA students are expected to satisfactorily complete the programs within the number of training hours approved by the State Approving Agency for Veterans Training. They also must meet any academic, skill and/or technical requirements of their particular program. If at any point in time it is determined that a VA student cannot satisfactorily complete the program within the approved number of hours, the student’s VA educational benefits will be terminated for unsatisfactory progress.

A VA student who, at the end of any 16-week period, has not attained and maintained satisfactory progress will be placed on academic probation for the next 16-week period. Should the student not attain and maintain satisfactory progress by the end of the probationary 16-week period, 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 period has elapsed. The school may recertify the student for VA educational benefits only if there is a reasonable likelihood that the student will be able to attain and maintain satisfactory progress for the remainder of the program.

**Repeated Courses** A student may repeat a course to improve the grade in that course, but credit toward graduation will be granted only once. Both enrollments and both grades will remain on the transcript. One enrollment will have a notation that the course has been repeated. The higher grade will be counted in the student’s Quality Point Average.

**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 do agree to an I grade, both must sign the Contract for Removal for an Incomplete grade after the form is filled out completely. The student will have up to 16 weeks to complete the course. When the additional 16 weeks has passed, the I will be change 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 will not 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 Change of Registration Period, a student may withdraw from a course before the 7th week of an 8- or 9-week course, before the 13th week of a 14-week course, and before the 15th week of a 16-week course. Withdrawal will NOT be accepted within two weeks of the final class meeting. A student who stops attending class will receive a grade of A through F based on required course work.

A Withdrawal Form must be received and date-stamped by the Registrar’s Office before that deadline. Such a withdrawal will appear on the transcript but not be included in the QPA. A student considering withdrawal
is encouraged to meet with the instructor and/or program advisor. Foreign students are encouraged to speak to the International Student Advisor prior to submitting a Withdrawal Form as it may affect immigration status. Financial aid recipients should speak to an advisor from the Office of Financial Planning and Resources.

SATISFACTORY ACADEMIC PROGRESS

To remain in good academic standing, undergraduate students must maintain the minimum quality point average or higher on all credits attempted (quality point average on a 4.0 scale), each semester. In addition to the minimum quality point average (see next page) for a baccalaureate degree at Professional Studies, students must conform to the degree requirements of their declared major.

TEXTBOOKS

Books should be picked up before the first class since Career Development students usually have an assignment to be completed for the first class meeting. The local bookstore carrying required textbooks is:

Nova Books, Inc.
6508 S.W. 39th Street
Davie, Florida 33314
Phone: 583-5860

At off-campus locations, books are made available through Nova site coordinators.

CERTIFICATES

Students who wish to apply for a certificate upon completion of a specialty must notify the appropriate academic director. They will receive their certificates when curriculum requirements have been satisfied and all financial and other obligations to the University have been met.

INDEPENDENT STUDIES AND TUTORIALS

Independent Study (course numbered 499) provides the qualified student an opportunity to research a question of interest under faculty supervision. A Tutorial enables a qualified student 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 Independent Study or a Tutorial should see their Program Advisor to draw up a contract outlining student responsibilities. It must be signed by the student, the instructor, the program coordinator, and the academic division director. Regular tuition rates apply to both Independent Study and Tutorial Study.

LENGTH OF PROGRAM

One of the hallmarks of the College for Career Development is its flexible scheduling. Students, with approval, may take more than a full academic load (12-15 credits) during a semester. On the other hand, students may take one course during a semester or even none if outside responsibilities make that option advisable. It is, therefore, difficult to predict how long any 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 daytime institution. For some, graduation is possible in less than four years of academic work.
CAREER DEVELOPMENT PROGRAMS OF STUDY

BEHAVIORAL SCIENCES

The bachelor of science degree is offered through the Behavioral Sciences Division with the following major concentrations:

Community Psychology

General Psychology

Psychology is the study of individuals, including their behavior, thought processes, and emotions. The psychology majors emphasize scientific research and applications to significant areas of human activity.

The Community Psychology major provides career preparation and enhancement in counseling and treatment services for families, the mentally retarded, mentally ill, elderly, and substance abusers. This major is appropriate for those planning to go on for a M.S. in Mental Health Counseling. It can also be selected in preparation for the Psy.D. in Clinical Psychology.

The General Psychology major provides academic training and preparation for doctoral studies in Psychology. It meets usual prerequisites for Psy.D. and Ph.D. programs in Psychology.

Either of these majors may be combined with law school preparatory courses or with courses leading to certification in Secondary Education, as well as with prerequisite courses for admission to graduate studies in Speech and Language Pathology.

The Behavioral Sciences Department also supervises the Advocacy Specialty, the Speech and Language Pathology Specialty, the Paralegal/Legal Assistant Specialty, and the Substance Abuse Studies Specialty. For each of these specialties, a certificate is granted upon completion, and this is noted on the student’s academic transcript. The courses in each specialty program may be taken in conjunction with a student’s baccalaureate studies, or they may be taken by individuals who simply wish to earn a certificate in one of these fields.

CORE REQUIREMENTS FOR CAREER DEVELOPMENT STUDENTS IN BEHAVIORAL SCIENCE MAJORS

GENERAL DISTRIBUTION:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN 111</td>
<td>Critical Reading &amp; Writing I</td>
<td>3</td>
</tr>
<tr>
<td>LAN 112</td>
<td>Critical Reading &amp; Writing II</td>
<td>3</td>
</tr>
<tr>
<td>LAN 201</td>
<td>Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>MAT 133</td>
<td>Mathematical Way of Thinking</td>
<td>3</td>
</tr>
<tr>
<td>CAP 111</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>PSY 102</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>LSC/PHY</td>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td>MAT 102</td>
<td>Introductory Algebra (or higher)</td>
<td>3</td>
</tr>
<tr>
<td>MAT 302</td>
<td>Applied Statistics</td>
<td>3</td>
</tr>
<tr>
<td>HUM</td>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td>SOC</td>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Liberal Arts Electives: COM/ECO/GEO/HIS/HUM/LAN/LGS/LSC/MAT/PHY/POL/PSY/SOC</td>
<td>6</td>
</tr>
</tbody>
</table>

* General Psychology majors must take at least three hours of Biology
## Community Psychology for Career Development Students

**GENERAL DISTRIBUTION:**

**MAJOR REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 238</td>
<td>Child and Adolescent Development</td>
<td></td>
</tr>
<tr>
<td>PSY 300</td>
<td>Psychological Research Methods</td>
<td></td>
</tr>
<tr>
<td>PSY 303</td>
<td>Experimental Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 311</td>
<td>Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>PSY 316</td>
<td>Issues in Social Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 321</td>
<td>Personality</td>
<td></td>
</tr>
<tr>
<td>PSY 326</td>
<td>Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 330</td>
<td>Behavior Modification</td>
<td></td>
</tr>
<tr>
<td>PSY 345</td>
<td>Interviewing</td>
<td></td>
</tr>
<tr>
<td>PSY 350</td>
<td>Community Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 351</td>
<td>Human Learning and Cognition</td>
<td></td>
</tr>
<tr>
<td>PSY 405</td>
<td>Psychological Tests and Measurements</td>
<td></td>
</tr>
</tbody>
</table>

Choose one * course

**ELECTIVES:**

**TOTAL DEGREE REQUIREMENTS:**

120

## Legal Assistant/Paralegal Studies Specialty

This program was designed for those who wish to acquire the skills and knowledge necessary to pursue careers as legal assistants/paralegals. The program is also appropriate for students who are pursuing business, teaching, or law-related careers, and for others who desire to understand our legal system and enhance their legal knowledge and skills. Completion of the program will enable students to take the national legal assistant certification exam.

The six required courses for a Legal Assistant/Paralegal Studies Specialty are:

- LEG 215 Introduction to Law and the Legal Profession
- LEG 225 Legal Fundamentals I
- LEG 226 Legal Fundamentals II
- LEG 325 Legal Research and Writing
- LEG 335 Legal Documents and Drafting
- LEG 345 Fundamentals of Litigation and Advocacy

## Speech and Language Pathology Specialty

The series of six courses which constitutes this specialty is designed to provide the undergraduate student with an understanding of the basic processes involved in hearing, speech and language, as well as the disorders which can occur in these areas. Through completion of the course work in this specialty, students will meet prerequisite requirements for admission to the Master's degree program in Speech and Language Pathology.

The six required courses for a Speech and Language Pathology Specialty are:

- SLP/LSC 400 Introduction to Hearing, Speech and Language Disorders
- SLP/LSC 410 Neuro Anatomy and Physiology
- SLP 420 Anatomy and Physiology of Vocal and Hearing Mechanisms
- SLP 430 Phonetics
- SLP 440 Hearing and Speech Science
- SLP 450 Speech and Language Development
Substance Abuse Studies Specialty

This program 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 specialty in Substance Abuse Studies incorporates six courses:

- PSY/SOC 354 Substance Abuse: Historical and Legal Perspectives
- PSY/SOC 355 Substance Abuse and the Family
- PSY/MGT 356 Substance Abuse in Business and Industry
- PSY 357 The Psychology and Physiology of Substance Abuse
- PSY 358 Rehabilitation Strategies in Substance Abuse Treatment
- PSY 359 Self-Help Groups

BUSINESS AND ADMINISTRATIVE STUDIES

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

Accounting

Administrative Studies

Business Administration

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. Nova University offers a master's degree designed to satisfy the additional CPA requirements.

The Administrative Studies major is offered for those students who are already practitioners or are potential practitioners and need a general degree or certificate to prepare for a wide range of career opportunities.

The Business Administration major and related specialties are offered for those students who are already practitioners in the field and need a specialized bachelor's degree and/or certificate 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, and other related fields are also candidates for this degree.

Specialties offered to students enrolled in these majors are: Banking and Finance, Computer Science, Human Resource Management, International Business, and Marketing. Students will receive a specialty certificate upon completion of any of the specialties. Contact the Business and Administrative Studies Department for more information.

The Professional Management major is offered with an option for the following specialties: Banking & Finance, Business, Computer Applications, and Health Care Services.
The Professional Management major is 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 equivalent college credit who have had to meet additional general requirements when seeking a higher degree are now able to transfer 60 semester hours of credit toward the bachelor of science degree in Professional Management (BPM)*. Sixty-six semester hours of credit in management, behavioral science, computers, and humanities will be required. Courses are scheduled to meet the needs of the working student.

*The curriculum for the bachelor of science degree in Professional Management provides only the upper level courses. Applicants must have at least 30 credits to be accepted into the program.

The accelerated, career-based, 66-credit-hour curriculum is offered in the cluster format with five or six courses (fifteen to eighteen hours) of credit completed approximately every six months. The course work for the bachelor of science degree in Professional Management can be completed in twenty-seven months. Classes meet one evening per week and approximately every third Saturday.

The Specialty in Banking and Finance is designed for those students who are 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.

The Specialty in Business is applicable to people who want a general business and management background.

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

The Specialty in Health Care Services is designed for registered nurses and other health care professionals. The program will enable those students to draw from their specialized backgrounds and to develop professionally and personally. All nurses who have passed the licensing examination for registered nurse (R.N.) will receive a minimum of 45 credit hours for prior experiential learning credit. Therapist and technician training will be assessed on an individual basis.

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General Distribution Requirements for Career Development Students in Business and Administrative Studies Majors

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAN 111 Critical Reading and Writing I</td>
<td>3</td>
</tr>
<tr>
<td>LAN 112 Critical Reading and Writing II</td>
<td>3</td>
</tr>
<tr>
<td>LAN 201 Fundamentals of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>MAT 133 Mathematical Way of Thinking</td>
<td>3</td>
</tr>
<tr>
<td>CAP 111 Computer Literacy</td>
<td>3</td>
</tr>
<tr>
<td>HUM Electives</td>
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<td>6</td>
</tr>
<tr>
<td>PSY Elective</td>
<td>3</td>
</tr>
<tr>
<td>ECO 201 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 202 Principles of Microeconomics</td>
<td>3</td>
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<tr>
<td>MAT 102 Introductory Algebra (or higher)</td>
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<td>6</td>
</tr>
<tr>
<td>LAN/LGS/LSC/MAT/PHY/POL/PSY/SOC</td>
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45
### Accounting for Career Development Students

**GENERAL DISTRIBUTION REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT 205 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACT 207 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACT 303 Cost Accounting</td>
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</tr>
<tr>
<td>ACT 305 Intermediate Accounting I</td>
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</tr>
<tr>
<td>ACT 306 Intermediate Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACT 205 Principles of Accounting I</td>
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<tr>
<td>ACT 207 Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BUS 101 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 215 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>BUS 216 Business Law II</td>
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</tr>
<tr>
<td>BUS 355 Introduction to International Business</td>
<td>3</td>
</tr>
<tr>
<td>BUS 409 Quantitative Methods</td>
<td>3</td>
</tr>
<tr>
<td>BUS 411 Applied Statistics</td>
<td>3</td>
</tr>
<tr>
<td>BUS 461 Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>BUS 488 Business Strategy and Policy</td>
<td>3</td>
</tr>
<tr>
<td>FIN 301 Corporation Finance</td>
<td>3</td>
</tr>
<tr>
<td>MAT 302 Applied Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 205 Principles of Management</td>
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<tr>
<td>MGT 315 Personnel Administration</td>
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<tr>
<td>MGT 317 Organization Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT 101 Introduction to Marketing</td>
<td>3</td>
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**MAJOR REQUIREMENTS:**

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<th>Course</th>
<th>Units</th>
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<tbody>
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<td>3</td>
</tr>
<tr>
<td>BUS 101 Introduction to Business</td>
<td>3</td>
</tr>
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<tr>
<td>MAT 302 Applied Statistics</td>
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<tr>
<td>MGT 205 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 315 Personnel Administration</td>
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<tr>
<td>MGT 317 Organization Behavior</td>
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<tr>
<td>MKT 101 Introduction to Marketing</td>
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**ELECTIVES:**

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**TOTAL DEGREE REQUIREMENTS:**

<table>
<thead>
<tr>
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### Business Administration for Career Development Students

**GENERAL DISTRIBUTION REQUIREMENTS:**

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<tr>
<td>BUS 215 Business Law I</td>
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<tr>
<td>BUS 216 Business Law II</td>
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<tr>
<td>BUS 355 Introduction to International Business</td>
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<tr>
<td>BUS 409 Quantitative Methods</td>
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</tr>
<tr>
<td>BUS 411 Applied Statistics</td>
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<td>FIN 301 Corporation Finance</td>
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<tr>
<td>MAT 302 Applied Statistics</td>
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<td>MGT 205 Principles of Management</td>
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<td>MGT 315 Personnel Administration</td>
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<td>MGT 317 Organization Behavior</td>
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<td>MKT 101 Introduction to Marketing</td>
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**MAJOR REQUIREMENTS:**

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<tr>
<td>BUS 411 Applied Statistics</td>
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<tr>
<td>BUS 461 Research Methods</td>
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<tr>
<td>BUS 488 Business Strategy and Policy</td>
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<td>FIN 301 Corporation Finance</td>
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<td>MAT 302 Applied Statistics</td>
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<td>MGT 315 Personnel Administration</td>
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<td>MGT 317 Organization Behavior</td>
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**SPECIALTY REQUIREMENTS:**

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<td>ECO 202 Macroeconomics</td>
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<td>FIN 301 Corporation Finance</td>
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<td>MAT 302 Applied Statistics</td>
<td>3</td>
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<tr>
<td>MGT 205 Principles of Management</td>
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</tr>
<tr>
<td>MGT 315 Personnel Administration</td>
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<tr>
<td>MGT 317 Organization Behavior</td>
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<tr>
<td>MKT 101 Introduction to Marketing</td>
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**ELECTIVES:**

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<th>Units</th>
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<tr>
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</table>

**TOTAL DEGREE REQUIREMENTS:**

<table>
<thead>
<tr>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>120</td>
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</table>

### Banking and Finance Specialty

This program is designed for those students who are 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. 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 certificate specialty without seeking a degree.

The following courses are required for this specialty (prerequisites: ACT 205, ECO 201, ECO 202, FIN 301):

- ECO 321 Monetary Theory and Policy
- ECO 421 Business Cycles and Forecasting
- FIN 311 Financial Management
- FIN 315 Banking and Financial Institutions
- FIN 411 Principles of Investment
Computer Science Specialty

This program is designed for those students who are employed 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 certificate specialty without seeking a degree.

The following courses are required for this specialty (prerequisite: MAT 102):

- CAP 113 Business Applications of Microcomputers
- CCS 150 Introduction to Computer Organization
- CCS 170 Introduction to Computer Programming
- CCS 220 Business Oriented Language (COBOL)
- MGT 366 Management Information Systems

Human Resource Management Specialty

This program is designed for those students who are employed in the fields of personnel, training and development, labor relations, and 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 specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the certificate specialty without seeking a degree.

The following courses are required for this specialty (prerequisites: MGT 205, MGT 315, MGT 317):

- BUS 305 Organization Theory
- MGT 302 Organizational Communication
- MGT 425 Human Resource Management
- MGT 445 Labor Relations
- MGT 491-498 Advanced Special Topics

International Business Specialty

This program is designed in recognition of the fact that South Florida is a major international trade area. Students who are employed by multi-national companies, exporters, importers, freight forwarders, customs brokers, transportation firms, wholesalers, and manufacturers or those who would like to pursue a career in international business should choose this specialty. 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 specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the certificate specialty without seeking a degree.

The following courses are required for this specialty (prerequisites: ACT 205, BUS 355, ECO 201, ECO 202, FIN 301, MGT 205, MKT 101):

- ECO 355 International Economics
- FIN 455 International Finance
- MGT 355 International Management
- MKT 353 International Marketing
- MKT 455 Export/Import Marketing

Marketing Specialty

This program is designed for those students who are employed in the fields of advertising, sales, promotion, retailing, wholesaling, and 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 specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the certificate specialty without seeking a degree.

The following courses are required for this specialty (prerequisites: MGT 317, MKT 101):

- MKT 301 Channels of Distribution
- MKT 321 Advertising and Sales Promotion
- MKT 431 Consumer Behavior
- MKT 471 Marketing Strategy
- MKT 491-498 Advanced Special Topics
The nonspecialty option is offered only to those students in the Business Administration major who do not want to take one of the mentioned specialties and are interested in a general business degree. Those students may take 15 credits at the 300 and/or 400 levels of the following categories: ACT, BUS, ECO, FIN, MGT, and MKT.

### General Distribution Requirements for Professional Management Students

**FRESHMAN AND SOPHOMORE REQUIREMENTS:**
(earned outside the cluster program)*
- **LIBERAL ARTS ELECTIVES**
  - 15 credits
- **GENERAL ELECTIVES**
  - 45 credits

**GENERAL DISTRIBUTION REQUIREMENTS:**
- 60 credits

**INTRODUCTORY SKILLS**
- **LAN 215** Argumentative Writing
- **LAN 312** Public Communication for the Professions
- **MAT 133** Mathematical Way of Thinking
- **PSY 311** Interpersonal Communication

**MANAGEMENT OF ORGANIZATION**

**LIBERAL ARTS**
- **ECO 315** Macroeconomics for Managers
- **HUM 202** Man as an Individual
- **HUM 210** Freedom and Totalitarianism
- **HUM 351** American Literature
- **HUM 321** Ethical and Moral Judgments OR
- **HUM 381** Art and Society

**FUNCTIONAL MANAGEMENT**
- **ACT 205** Principles of Accounting
- **BUS 302** Business Communications
- **BUS 461** Research Methods
- **CAP 111** Computer Literacy
- **MAT 302** Applied Statistics
- **MKT 101** Introduction to Marketing

* Not required in the Banking and Finance Specialty

** Students will complete two of these three courses as offered at individual site.

### Professional Management with Banking and Finance Specialty

**GENERAL DISTRIBUTION REQUIREMENTS:**

**SPECIALTY REQUIREMENTS:**

- **BUS 488** Business Strategy and Policy
- **ECO 321** Monetary Theory and Policy
- **ECO 421** Business Cycles and Forecasting
- **FIN 301** Corporation Finance
- **FIN 315** Banking and Financial Institutions
- **FIN 411** Principles of Investment

**TOTAL DEGREE REQUIREMENTS:**

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.

### Professional Management with Business Specialty

**GENERAL DISTRIBUTION REQUIREMENTS:**

**SPECIALTY REQUIREMENTS:**

- **BUS 325** Business, Government and Society
- **BUS 355** Introduction to International Business
- **BUS 488** Business Strategy and Policy
- **FIN 301** Corporation Finance
- **MGT 415** Legal Environment of Management

**TOTAL DEGREE REQUIREMENTS:**

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

### Professional Management with Computer Applications Specialty

**GENERAL DISTRIBUTION REQUIREMENTS:**

**SPECIALTY REQUIREMENTS:**

- **CAP 116** Advanced Microcomputer Applications
- **CAP 165** Fundamentals of Computers and Data Processing
- **CAP 235** Computer Applications Environment
- **CAP 375** Current Issues in Information Management
- **MGT 366** Management Information Systems

**TOTAL DEGREE REQUIREMENTS:**

The curriculum for the bachelor of science degree in Professional Management provides only the upper level courses. Students must have at least 30 credits to be eligible to enter the program.
Professional Management with Health Care Services Specialty

GENERAL DISTRIBUTION REQUIREMENTS:

SPECIALTY REQUIREMENTS:

HUM 318 Biomedical Ethics
MGT 401 Health Care Organization and Administration
MGT 402 Legal Aspects of Health Care Administration
SOC 302 Community Services System
SOC 303 Transcultural Issues in Health Care

TOTAL DEGREE REQUIREMENTS:

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

COMPUTER AND INFORMATION SCIENCES

The bachelor of science degree is offered through the Center for Computer and Information Sciences in the following major concentrations:

- **Computer Engineering**
- **Computer Science**
- **Computer Information Systems**
- **Computer Systems**

**Computer Engineering** concentrates on the architecture, design, and development of computer hardware. Areas covered are circuit design, firmware, and the tradeoff between hardware and software in computer systems.

**Computer Science** deals with the systematic study of algorithms and data structures. This concentration will provide a base for the graduate to work in a number of computer career fields and to pursue graduate work in computer science. Within this major is a specialty in **Telecommunications** that concentrates on the architecture, design, and development of telecommunications hardware and software as well as the economics of management of computer telecommunications systems.

**Computer Information Systems** major prepares the student for a career in business applications as a programmer/analyst. Emphasis is placed on programming languages, application software analysis, design and development, database management, and information system organization.

**Computer Systems** major is designed for students who intend to combine business knowledge with an applications approach to computer science. Besides providing a background in computer function, language, and programming, this major will focus on the use of computers in the business environment.

**Telecommunications Specialty**

This certificate program is designed for those students who are employed or are interested in working in telecommunications. This specialty focuses on the design, planning, organization, and control of data and voice communications networks, with emphasis on distributed computer networks. Students can complete this specialty in conjunction with a major concentration in order to earn a B.S. degree, or they can complete the certificate specialty without seeking a degree.
The following courses are required for this specialty:

CSTC 200  Mathematical Foundations of Telecommunications
CSTC 201  Electronics for Telecommunications
CSTC 300  Telecommunications Network Planning and Operations
CSTC 305  Telecommunications Software and Protocols
CSTC 400  Telecommunications Economics and Policy

General Distribution Requirements for Career Development Students in Computer Science and Engineering Majors

GENERAL DISTRIBUTION REQUIREMENTS:

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<th>Course Code</th>
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<th>Credit</th>
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<td>LAN 111</td>
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<td>LAN 112</td>
<td>Critical Reading and Writing II</td>
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<td>LAN 201</td>
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Computer Engineering for Career Development Students

GENERAL DISTRIBUTION REQUIREMENTS:

ADDITIONAL COMPUTER ENGINEERING CORE REQUIREMENTS:

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<td>Physics I</td>
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<td>PHYS 250</td>
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MAJOR REQUIREMENTS:

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<tr>
<td>CCS 140</td>
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<td>CCS 160</td>
<td>Fundamentals of Logic Design</td>
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<tr>
<td>CCS 170</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CCS 210</td>
<td>Fortran</td>
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<td>CCS 306</td>
<td>Digital Design</td>
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<td>CCS 330</td>
<td>Structured Programming (Pascal)</td>
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<td>CCS 335</td>
<td>Assemblers and Assembly Language Programming</td>
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<td>Data Structures</td>
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<td>Networks I</td>
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<td>CSEE 310</td>
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<td>CSEE 460</td>
<td>Microprocessor Applications</td>
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ELECTIVES: 15
TOTAL DEGREE CREDIT REQUIREMENTS: 120
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<tr>
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<td>CCS 220 Business Oriented Language (COBOL)</td>
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<td>CCS 330 Structured Programming (Pascal)</td>
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<td>CCS 340 Data Structures</td>
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<td>CCS 345 Distributed Data Processing</td>
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<td>CCS 355 The C Programming Language</td>
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<td>CCS 365 Methods of Systems Analysis</td>
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<td>CCS 401 Organization of the Computer Environment</td>
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<td>CCS 451 Database Management: An Information Systems Emphasis</td>
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<td>CCS 490 Directed Project in Computer Science</td>
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<td>ACT/BUS/ECO/FIN/MGT/MKT Electives</td>
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**Electives: 18**

**Total Degree Requirements:** 120

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**Computer Science for Career Development Students**

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<td>CCS 210 Fortran</td>
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<td>CCS 306 Digital Design</td>
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<td>CCS 320 Organization of Programming Languages</td>
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<td>CCS 330 Structured Programming (Pascal)</td>
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<td>CCS 335 Assembler and Assembly Language Programming</td>
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<td>CCS 420 Operating System Concepts</td>
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<td>CCS 452 Database Management: A Computer Science Emphasis</td>
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<td>CCS 460 System Programming</td>
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<td>CCS 480 Introduction to Compilers and Interpreters</td>
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<td>MATH 450 Probability and Statistics</td>
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**Electives: 15**

**Total Degree Requirements:** 120
Computer Systems for Career Development Students

GENERAL DISTRIBUTION: 24
ADDITIONAL COMPUTER SYSTEMS CORE REQUIREMENTS: 12
MAT 150 Precalculus 3
MATH 210 Calculus I 3
LSC/PHY Electives 6

MAJOR REQUIREMENTS: 45
CCS 140 Discrete Mathematics 3
CCS 170 Introduction to Programming 3
CCS 210 Fortran 3
CCS 220 Business Oriented Language (COBOL) 3
CCS 320 Organization of Programming Languages 3
CCS 330 Structured Programming (Pascal) 3
CCS 335 Assemblers and Assembly Language 3
CCS 340 Data Structures 3
CCS 355 The "C" Programming Language 3
CCS 370 Software Design 3
CCS 401 Organization of Computer Environment 3
CCS 420 Operating System Concept 3
CCS 451 Dbase Management: An Information Systems Emphasis 3
CCS 460 Systems Programming 3
* CCS 471 Advanced Microcomputer Applications Interfacing 3
* CCS 480 Introduction to Compilers and Interpreters 3

SPECIALTY REQUIREMENTS: 27
ACT 205 Principles of Accounting I 3
ACT 207 Principles of Accounting II 3
BUS 101 Introduction to Business 3
ECO 201 Principles of Macroeconomics 3
ECO 202 Principles of Microeconomics 3
MAT 302 Applied Statistics 3
MGT 205 Principles of Management 3
MGT 317 Organizational Behavior 3
MKT 101 Introduction to Marketing 3

ELECTIVES: 12
TOTAL DEGREE REQUIREMENTS 120

EDUCATION

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

Elementary Education

Secondary Education (English/Mathematics/Social Studies)

These education degree programs are approved by the State of Florida and prepare students for teacher certification in the areas of Elementary, Exceptional, and Secondary Education. Students who have already completed a bachelor's degree in an area other than education may apply for admission to one of the education certificate programs that will prepare them for State Teacher Certification. The role of the College for Career Development is to provide the courses that will lead to specific teacher certification. Actual teacher certification is awarded by the State Department of Education, NOT by Nova University.

Any student interested in pursuing a major in Education must contact the Education academic office before declaring an Education major to ensure that the requirements for acceptance are satisfied.

Core Requirements for Career Development Students in Education Majors

GENERAL DISTRIBUTION: 45
LAN 111 Critical Reading and Writing I 3
LAN 112 Critical Reading and Writing II 3
LAN 201 Fundamentals of Public Speaking 3
CAP 111 Computer Literacy 3
PSY 101 Introduction to Psychology 3
PSY 238 Child and Adolescent Development 3
HUM Electives 6
LSC/PHY Electives 6
MAT 102 Introductory Algebra (or higher) 3
MAT 133 Mathematical Way of Thinking 3
Liberal Arts Electives: ECO/GEO/HIS/PHY/POL/PSY/SOC (6 hours must be in GEO/HIS/SOC) 9
### Elementary Education for Career Development Students

**GENERAL DISTRIBUTION:**

<table>
<thead>
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**MAJOR REQUIREMENTS:**

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**ELECTIVES:**

- 21

**TOTAL DEGREE REQUIREMENTS:**

- 120

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### Exceptional Student Education for Career Development Students

**Learning Disabilities, K-12**

**GENERAL DISTRIBUTION:**

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<td>ESE 433</td>
<td>Identification and Remediation of Learning Disabilities</td>
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<td>ESE 434</td>
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<td>Individual Diagnosis and Instruction of the Learning Disabled</td>
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<td>Introduction to Language &amp; Speech Disorders</td>
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<td>Materials &amp; Methods for Teaching the Learning Disabled</td>
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**ELECTIVES:**

- 21

**TOTAL DEGREE REQUIREMENTS:**

- 120

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### Exceptional Student Education for Career Development Students

**Mental Handicaps, K-12**

**GENERAL DISTRIBUTION:**

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**ELECTIVES:**

- 21

**TOTAL DEGREE REQUIREMENTS:**

- 120

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### Exceptional Student Education for Career Development Students

**Emotional Handicaps, K-12**

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**ELECTIVES:**

- 21

**TOTAL DEGREE REQUIREMENTS:**

- 120
Secondary Education for Career Development Students

GENERAL DISTRIBUTION: 45

MAJOR REQUIREMENTS: 27

EDU 342 Sociological Foundations of Education 3
EDU 336 Educational Psychology 3
EDU 434 Learning Assessment 3
EDU 447 Teaching: Principles and Practices 3
EDU 448 Classroom Management 3
EDU 452 Internship 9
SEC Teaching Secondary 3

SPECIALTY: 27

According to Certification Requirements for Content Area

ELECTIVES: 21

TOTAL DEGREE CREDITS REQUIREMENTS 120

Exceptional Education Specialties

The Education Program offers specialties in Specific Learning Disabilities, Emotional Disturbance, and Mental Retardation. Students must complete 9 credits in the specific exceptionality in which the certification is sought. Added to these are 9 credits common to the three areas.

SPECIFIC LEARNING DISABILITIES SPECIALTY

EDU 433 Identification & Remediation of Learning Disabilities
EDU 439 Individualization of Diagnosis and Instruction for the Learning Disabled Child
EDU 458 Classroom Management of the Exceptional Student

EMOTIONAL DISTURBANCE SPECIALTY

EDU 429 Education Programming for the Emotionally Disturbed
EDU 432 Precision Teaching and Behavior Modification
EDU 458 Classroom Management of the Exceptional Student

MENTAL RETARDATION SPECIALTY

EDU 406 Foundations of Mental Retardation
EDU 407 Curriculum for Mental Retardation
EDU 408 Classroom Procedures for Mental Retardation

Additional credits required in all areas of exceptionality are:

EDU 435 Survey in the Education of Exceptional Children
EDU 438 Educational Assessment of Exceptional Children
EDU 440 Intro to Language Development and Speech Disabilities

Early Childhood Administration Specialty

The Specialty in Early Childhood Administration has been designed to benefit individuals currently working in kindergarten and preschool facilities. The Early Childhood Administration Specialty can be taken by students not seeking degrees. (Prerequisite: PSY 111)

EDU 226 Administration of Early Childhood Programs
EDU 340 Administrative Leadership and Decision Making for Early Childhood
EDU 341 Curriculum Decisions of Administration of Early Childhood Programs
PSY 238 Child and Adolescent Development
LIBERAL ARTS

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

General Studies

The General Studies major is offered for those students who may have spent a number of years outside the academic environment but wish to pursue a liberal studies education, focusing on ethics, multicultural relations, social and environmental concerns, literature and the arts. Within the curriculum, students will be able to achieve both a breadth of knowledge and expertise in particular areas of study.

Core Requirements for Career Development Students in Liberal Arts Majors

GENERAL DISTRIBUTION REQUIREMENTS: 45

COMMUNICATIONS AND HUMANITIES

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GENERAL DISTRIBUTION REQUIREMENTS:

COMMUNICATIONS AND HUMANITIES

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Area II: Environmental Problems

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<td>HUM 210</td>
<td>Freedom and Totalitarianism</td>
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<td>Substance Abuse: Historical &amp; Legal Perspectives</td>
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<td>PSY 355</td>
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Area III: International and Multicultural Studies

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<td>HIS 410</td>
<td>Emerging Nations</td>
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<td>HUM 220</td>
<td>Non-Western and Modern Art</td>
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<td>Eastern Thought</td>
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<td>Human Origins and Diversity</td>
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<td>SOC 311</td>
<td>Women and Society: Cross Cultural Perspectives</td>
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Latin American and Caribbean Studies Specialty

This program provides a broad cultural base for students who plan careers involving Latin American and Caribbean peoples in business, government, psychological services, or education. The program is not a major but must be completed in conjunction with one of the College majors. The requirements for this program are as follows:

The student will complete 24 credits of courses with a Latin American and Caribbean emphasis. Appropriate courses taken within the major may satisfy part of these requirements. Spanish language courses at the 200 level or above also may satisfy part of this requirement.

The student will take at least 9 of the 24 required credits outside his or her major.

The student will have to demonstrate a reading and speaking knowledge of Spanish. This requirement may be satisfied either through course work or by examination.

Courses currently offered as part of the Nova curriculum that are automatically applicable toward the specialty in Latin American and Caribbean Studies are:

- SOC 112 Human Origins and Diversity
- LAC 213 Latin American and Caribbean Studies
- LAN 223 Intermediate Spanish
- LAC 240 Comparative Legal Systems
- BUS 255 Introduction to International Business
- LGS 261 Cultural Minorities and the Law
- HUM 323 Contemporary Latin American Fiction
- HIS 410 Emerging Nations
- LGS 441 International Law
- LAC 485-488 Field Study in Latin America
- LAC 491-498 Advanced Special Topics

In addition to the above mentioned courses, a large number of existing courses may be approved by the Program Coordinator as applicable toward the specialty in Latin American and Caribbean Studies.
Women's Studies Specialty

The Women's Studies program is designed to explore the challenges and issues that confront women in society. An interdisciplinary program, it covers such topics as business, law, philosophy, science, literature, anthropology, psychology, gerontology and the arts. Students may earn a specialty certificate by completing five of the courses offered for a total of 15 credits. For most instances, the Women's Studies courses may satisfy humanities electives in the core curriculum. Individual courses are also open to the general student population.

Courses that may be used towards completing a Women's Studies Specialty are:

- WMS 260 Women and Law
- WMS 305 Feminist Theory
- WMS 302 Women's Study Practicum
- WMS 306 Women and Literature
- WMS 311 Women and Society: Cross Cultural Perspectives
- WMS 319 Women and Aging
- WMS 324 Women and Business
- WMS 336 Psychology of Women
- WMS 400 Women in the Arts and Humanities
- WMS 402 Women and Political Theory
- WMS 405 Women and Science
COURSE DESCRIPTIONS

Course numbers in parentheses indicate that course was previously offered with a different prefix or course number. Course names in parentheses indicates that course was previously offered under a different name. See ACT 205, ACT 207. Courses marked with an asterisk fulfill the Gordon Rule.

ACCOUNTING (ACT)

ACT 205 Principles of Accounting I/3 sem. hrs. (Formerly called Introduction to Financial Accounting; ACT 101, 203, 206) The conceptual framework of accounting including the entity concept, materiality, unit of measure, consistency, and periodicity. Basic double entry bookkeeping including journalizing of transactions, posting, preparing a trial balance, adjusting, closing, and basic financial statement presentation.

ACT 207 Principles of Accounting II/3 sem. hrs. (Formerly called Introduction to Managerial Accounting; ACT 102, 206, 210) A continuation of ACT 205. Includes corporate structure, stockholders, equity, long-term liabilities, department and branch accounting, costing methods, cost-volume-profit analysis, and financial statement analysis. Prerequisite: ACT 205.

ACT 303 Cost Accounting/3 sem. hrs. (ACT 111, 211) The role of cost accounting as a tool for managerial decision making. Cost-volume-profit analysis, job order costing, and absorption costing. Application of these skills to the overall operation of a business. Prerequisite: ACT 207.


ACT 306 Intermediate Accounting II/3 sem. hrs. (ACT 302) A continuation and expansion of Intermediate Accounting I. The conceptual foundations of sources and applications of funds from both a cash and working capital basis, reporting earnings per share, and accounting for other selected transactions. Prerequisite: ACT 305.

ACT 308 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.

ACT 311 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.

ACT 312 Federal Taxation II/3 sem. hrs. An overview of the Internal Revenue Code as it applies to partnerships, corporations, estates, and trusts.

ACT 401 Advanced Accounting/3 sem. hrs. (ACT 301) A continuation and expansion of Intermediate Accounting II. Accounting principles for consolidations and combinations, accounting for branches, accounting for liquidations, Accounting for nonprofit organizations and other selected topics. Prerequisite: ACT 306.

ACT 421 Auditing/3 sem. hrs. (ACT 321) 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: ACT 305.

ACT 490 Advanced Special Topics: Practice in Individual Federal Taxation/3 sem. hrs. Training in preparation of Tax Forms 1040, 1040A & 1040 EZ. Students will organize and operate IRS-sponsored volunteer income tax assistance center at Nova to serve members of the local community.

ACT 491-498 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.

BUSINESS (BUS)

BUS 101 Introduction to Business/3 sem. hrs. (BUS 105, 1018) A basic course in the study of the private enterprise system. A brief history and background of the system, its components, functions, disciplines, laws. The future of enterprise as a network is discussed.

BUS 113 Business Applications of Microcomputers/3 sem. hrs. 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. Computer laboratory-oriented course. Prerequisites: ACT 205, CAP 111. Identical to CAP 113.

BUS 115 Microcomputer Applications/3 sem. hrs. Theory and application of programs for microcomputers that are used in management. Database programs, electronic spreadsheets, telecommunications will be included. A laboratory-oriented course. Prerequisite: CAP 111. Identical to CAP 115.


BUS 215 Business Law I/3 sem. hrs. (BUS 201) 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 BUS 215 and LEG 225.

BUS 216 Business Law II/3 sem. hrs. (BUS 202) A continuation and expansion of Business Law I. Agency law, bailments and the Uniform Commercial Code as these areas apply to business organizations. Prerequisite: BUS 215.


BUS 302 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 111. Identical to MGT 490.
BUS 305 Organization Theory/3 sem. hrs. (BUS 311) Emphasizes modern organizations, their structure and their systems. The special problems of large research and development organizations; project and/or program management; matrix management; venture management: contingency management. Prerequisite: MGT 205.

BUS 308 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.

BUS 310 Small Business Management/3 sem. hrs. (BUS 351, 210) 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.

BUS 324 Women and Business/3 sem. hrs. A study to examine various obstacles faced by women in the business community and explore techniques used by successful female corporate executives and entrepreneurs to overcome these obstacles. Identical to WMS 324.


BUS 355 Introduction to International Business/3 sem. hrs. (BUS 255, MGT 491) 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. Prerequisite: BUS 101.

BUS 375 Current Issues in Information Management/3 sem. hrs. Computer topics of importance to the data processing business manager. Flow of data, distributed processing, design support systems, modeling. Emphasis is on information as a company resource and source information management practices. Prerequisite: CAP 300. Identical to CAP 375.

BUS 409 Quantitative Methods/3 sem. hrs. (BUS 321) 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: MAT 302.

BUS 410 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.

BUS 461 Research Methods/3 sem. hrs. (BUS 499) This course introduces a set of conceptual tools and techniques that will be applied to the analysis and proposed solution of real problems in an organization setting. Students will submit a research proposal as part of the course requirements. Prerequisites: LAN 111 or LAN 111 or LAN 311; MAT 302.

BUS 462 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: BUS 461 and Approved Project Proposal.

BUS 488 Business Strategy and Policy/3 sem. hrs. (BUS 496) 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: FIN 301, LAN 201 or LAN 201 or LAN 312 and Senior Standing.

BUS 491-498 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 different content.

BUS 499 Independent Study in Business/1-12 sem. hrs. (BUS 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.

COMMUNITY SERVICE (CMS)

CMS 250 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.

CMS 300 Advocating Change: Crucial Issues/3 sem. hrs. An exploration of the major issues of concern to advocacy groups today. Includes environmental issues, human rights, disarmament & peace movements, constitutional and civil rights, consumer advocacy, the needs of special populations (elderly, handicapped, abused children, etc.), political and legal reform efforts, and other socially relevant causes.

CMS 310 Introduction to Legal Process for Advocates/3 sem. hrs. An introduction to the structure and process of the American legal system, with emphasis upon applications to advocacy issues. Includes the role of the lawyer, the adversary system, civil and criminal process, federal and state court systems, and the fundamentals of legal analysis.

CMS 400 Research and Evaluation in Community Services/3 sem. hrs. The collection and analysis of data relevant to community services functions. Includes research design, review of relevant literature, and the formulation and testing of hypotheses. Also covers the evaluation of service delivery programs.

CMS 450 Administration of Community Service Programs/3 sem. hrs. An overview of community service institutions, including those concerned with health, welfare, the administration of justice, and rehabilitation. Covers the interrelationship of programs and agencies, the analysis of service delivery problems, and methods for improving the administration of community services.

CORE STUDIES IN LIBERAL STUDIES (COR)

COR 115 Society and Symbol/6 sem. hrs. An intensive experience of the arts in the context of their original culture. Students will be introduced to the notion of the dynamic relationship between a particular culture and its artifacts through an intellectual and aesthetic immersion in two cultural watersheds, Periclean Athens and Renaissance Florence (these may vary).
* COR 116 Change and Tradition/6 sem. hrs. An interdisciplinary study of the place of change and tradition in the individual and social and political history. Students will investigate the use of growth as a metaphor in explaining personal change and historical transformations, and focus on the nature of revolution and reaction in the transformative process.

* COR 117 Science, Technology & Society/6 sem. hrs. The Science, Technology, and Society core study uses a thematic, interdisciplinary approach to accomplish its basic mission - to introduce students to some of the general processes and concepts of science and technology, analyze their historical context and philosophic implications, and evaluate the impact on society and the individual.

* COR 118 Individual and Institutions/6 sem. hrs. A study of the nature of institutions and the reciprocal relationship between persons and institutions. Assumesspecial responsibility for the goal of developing a sense of community and social responsibility among students and faculty.

* COR 119 Human Nature and the Individual/6 sem. hrs. Investigates the vast human effort expended in pursuit of human nature. Through reasoned argument, empirical analysis, or imaginative creations, students of human nature have shared their visions. In this study, we draw on their contributions to enrich our understanding of humanity, others we know, and ourselves.

COR 120 Essence and Existence/6 sem. hrs. Philosophers and artists, and, more recently, psychologists have sought to discover the grounds governing the relation of human consciousness to the world. Since the early Greeks, thinkers have explored the relation of being to becoming; essence to existence; consciousness to its object, to explain the metaphysical, logical, and psychological relations that provide the possibility for human experience.

COR 220 Wealth and Poverty/6 sem. hrs. We find ourselves in a world which at once exhibits extreme opulence and extreme poverty. Are we to understand social development within the context of this polarity? Is economic deprivation a necessary condition of the human experience? Do we look toward social reorganization? or psychological re-orientation to alter the reality?

COR 225 Nature's Planet/6 sem. hrs. The interaction of the various fields of science is most evident when applied to the earth - with ecology, geotechnology and geophysics as just three of many examples. This study area will use those basic science concepts that cross discipline boundaries to explain and interpret the nature of our planet and its life forms.

COR 305 First, Second and Third World/6 sem. hrs. A study of the dynamics of nation building set within a comparative social and historical context. Students will study the processes and problems of emerging nations in the post World War II era, and focus on perceptions, aspirations and ideals of indigenous peoples of developing nations. The goal is to establish in the student a global consciousness.

COR 310 Leadership and Qualities of Greatness/6 sem. hrs. A study of the nature and role of leadership in socio-political movements and institutional contexts. Through analysis of the ideas set forth in the literature on this subject, students will seek the qualities which distinguish greatness and determine the place of the leader in history and the socio-political environment.

COMPUTER APPLICATIONS (CAP)

CAP 111 Computer Literacy/3 sem. hrs. (COM 165, 1058, COR 134, CS 111) Introduction for the nontechnical person. Computer literacy, principles of computer operation, uses of computers in small businesses, schools, social service agencies, hospitals. Hands-on experience with microcomputers and specialized software.

CAP 113 Business Applications of Microcomputers/3 sem. hrs. (CS 113) 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. Prerequisite: ACT 205, CAP 111. Identical to BUS 113.

CAP 114 Computer Applications for Health Care Administrators/3 sem. hrs. (CS 114) Theory and applications of programs for computers that are useful in the health care environment. The course will include discussion of computerized monitoring and testing in addition to hands-on experience with microcomputers.

CAP 115 Microcomputer Applications/3 sem. hrs. (CS 115) Theory and application of programs for microcomputers that are used in management. Database programs, electronic spreadsheet, telecommunications will be included. A laboratory-oriented course. Prerequisite: CAP 111. Identical to BUS 115.


CAP 300 Computer Security, Ethics, and Auditing/3 sem. hrs. (CS 300) Issues of security, privacy, and control from the viewpoint of the computer user. Emphasis on procedures for protecting systems from unauthorized use, theft, vandalism, and natural disasters. Ethical issues in computer usage are covered. Prerequisite: CAP 235

CAP 375 Current Issues in Information Management/3 sem. hrs. (CS 375) Computer topics of importance to the data processing business manager. Flow of data, distributed processing, decision support systems, modeling. Emphasis is on information as a company resource and source information management practices. Prerequisite: CSS 345. Identical to BUS 375

COMPUTER ENGINEERING (CSEE)

CSEE 210 Networks I/3 sem. hrs. (EE 210) Definitions of charge, current, voltage, resistance, capacitance, and inductance. Study of Ohm's law, Kirchoff's laws, nodal analysis, and mesh analysis. Principles of superposition, maximum power theorem, Thevenin's theorem and Norton's theorem. Prerequisites: PHY 250 and MAT 220

CSEE 255 Engineering Laboratory I/1 sem. hrs. (EE 255) Basic laboratory to complement Networks 1. Prerequisite or Corequisite: CSEE 210
CSEE 305 Electronics for Computer Science Majors/3 sem. hrs. (EE 305) 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 techniques for VLSI such as C-MOS, N-MOS, P-MOS. Intended as a special survey course for CS majors but will not meet CS majors' requirements.

CSEE 308 Cooperative Education (EE 308) (No credit) Work placement for a period of 16–18 weeks. The placement will be directly related to the student’s program of study.

CSEE 310 Networks II/3 sem. hrs. (EE 310) Phasors, sinusoidal steady-state analysis, rms value, average power, balanced three-phase circuits, resonance, frequency response, two-port networks, and Laplace transforms are studied. Prerequisites: CSEE 210 and MATH 310

CSEE 330 Electronics I/3 sem. hrs. (EE 330) Introduction to the physical theory of semiconductor devices, diodes, diode circuit applications, transistor characteristics, transistor equivalent circuits, and single-stage amplifiers. Prerequisite: CSEE 310

CSEE 335 Engineering Lab II/1 sem. hr. (EE 335) Laboratory work to complement electronics theory course. Prerequisite or Corequisite: CSEE 330

CSEE 340 Electronics II/3 sem. hrs. (EE 340) Analysis and design of single-stage and multi-stage amplifiers, difference amplifiers, and operational amplifiers. Frequency response and other performance criteria with feedback. Oscillators. Prerequisite: CSEE 330

CSEE 340 Networks III/3 sem. hrs. (EE 405) Continuation of Networks II emphasizing Laplace transforms for solving advanced network problems. Prerequisites: CSEE 310, CSEE 340, MATH 305 and MATH 310

CSEE 430 Fundamentals of Communication Systems/3 sem. hrs. (EE 430) Fourier series & transforms, modulation systems, sampling, digital data transmission, noise, channel capacity, design & analysis of communication systems. Prerequisites: CSEE 340, CSEE 405

CSEE 445 ENGINEERING LAB III/1 sem. hr. (EE 445) Lab work to complement electronics theory course. Prerequisite: CSEE 430

CSEE 460 Microprocessor Applications/3 sem. hrs. (EE 460) Applications in the design of microprocessor-based circuits. Prerequisites: CSE 306 and CSE 335

CSEE 470 Electrical Engineering Design/3 sem. hrs. (EE 470) Application of design techniques to special projects in electrical engineering. Prerequisite: CSEE 405

COMPUTER SCIENCE (CSE)

CSE 130 Discrete Mathematics, 3 credits. (CS 130) Introduction to the concepts and techniques of discrete mathematical structures which 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: demonstrated competency equivalent to MAT 150.

CSE 140 Introduction to Computer Organization/3 sem. hrs. (CS 140) An introduction to principles of digital computer organization and operation, data representation, the central processing unit, memory, input/output devices, number systems and logical systems. Prerequisite: MAT 102 or consent of instructor.

CSE 150 Fundamentals of Logic Analysis and Design/3 sem. hrs. (CS 160) An introduction to elementary digital logic circuits, Boolean algebra, Karnaugh maps, digital counters, and other basic circuit elements. Number set modules, binary, octal and hexadecimal number systems are investigated and related to digital computing structures. Prerequisite: CSE 140

CSE 165 Fundamentals of Computers and Information Processing/3 sem. hrs. (CS 165) An introduction to various types of computer hardware. Steps in designing, programming, and implementing computer systems. Basic computer terminology.

CSE 170 Introduction to Programming/3 sem. hrs. (CS 170) An introduction to good programming techniques including flowcharting, code design, debugging techniques and documentation, problem solving methods, pseudocode and algorithm development to be used in the design of computer programs. The Pascal language will be taught as part of this course. The topics covered in Pascal are: global declaration, local declaration, data types, arithmetic operations, string formatting, error handling, loops, and input/output procedures. Prerequisites: CSE 140 and demonstrated competency equivalent to CSE 150.

CSE 180 Introduction to UNIX/3 sem. hrs. Introduction to the basic concepts of the UNIX operating system. Topics include system commands, system editors, awk, sed, introduction to Shell programming languages, text formatting tools, use of a modern terminal software, and system maintenance utilities. Prerequisite: Demonstrated competency equivalent to CSE 150.

CSE 200 BASIC Language/3 sem. hrs. (CS 200) An introduction to BASIC Language programming on the IBM-PC, using GWBASIC and QuickBasic to develop structured programs. This course will include screen formatting, error checking, program design, branching techniques, modular design, large program design, files (sequential, random, index), & documentation. Prerequisite: Consent of instructor.

CSE 210 FORTRAN/3 sem. hrs. (CS 210) A study of the FORTRAN programming language with the emphasis on problem solving techniques. Topics covered will include an introduction to structured programming, the structure of the FORTRAN language, input and output of data through formatted I/O, iteration control, array handling, and subprogramming. Prerequisite: CSE 170

CSE 220 Business Oriented Language (COBOL)/3 sem. hrs. (CS 220) A study of the COBOL programming language with the emphasis on business applications. Students apply a structured, multi-phase program development process that features a series of steps involving understanding of a problem, formal exam-lim definition, design methodologies, program specification, breakdown, & files using COBOL. Prerequisite: CSE 170

CCS 291, 292, 294-299 Special Topics in Computer Science/3 sem. hrs. (CS 291-299)
Topics in computer science that are not included in regular course offerings & 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.

CCS 293 Introduction to Artificial Intelligence/3 sem. hrs. (CS 293)
Introduction to the basic concepts & techniques of artificial intelligence & expert
systems. Topics include the philosophical implications of machine intelligence,
psychological modeling, natural language processing, problem solving, search
strategies, heuristic methods and knowledge representation and expert systems.
Prerequisite: CCS 340

CCS 300 Computer Security, Ethics and Auditing/3 sem. hrs. Issues of security,
privacy, and control from the viewpoint of the computer user. Emphasis on
procedures for protecting systems from unauthorized use, theft, vandalism, and
natural disasters. Ethical issues in computer usage are covered. Prerequisite:
CCS 225.

CCS 306 Digital Design/3 sem. hrs. (CS 306) 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: CCS 160
and CSEE 305.

CCS 308 Cooperative Education (CS 308) (no credit) Work placement for a period of
16-18 weeks. Placement will be directly related to the student's program of study.

CCS 315 Advanced COBOL/3 sem. hrs. (CS 315) A study of advanced COBOL
programming using structured techniques. Topics to be covered include table handling,
sequential and indexed file processing, data base access, editing, sorting, and the Report
Writer. Prerequisite: CCS 220

CCS 320 Organization of Programming Languages/3 sem. hrs. (CS 320) 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. Prerequisites: CCS 210, CCS 330 and CCS
340

CCS 330 Structured Programming (Pascal)/3 sem. hrs. (CS 330) An introduction
to the use of structured design, algorithm development, debugging techniques with a
highly structured language such as Pascal. The use of highly structured languages is
expected to speed the implementation of the program and greatly improve its reliability.
The differences between functions and procedures; string functions and operations;
data type concepts and classifications; records and sets; arrays and character strings, sort,
recursion, files (sequential and random), pointers, and linked lists will be stressed.
Prerequisite: CCS 170

CCS 332 Introduction to File Processing/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:
CCS 355.

CCS 335 Assemblers and Assembly Language Programming/3 sem. hrs. (CS 335) A
detailed analysis of the operation of assemblers. Assembler features, assembly programming,
and macrofacilities. Assembly language programs will be written as part of this
course. Prerequisite: CCS 340

CCS 340 Data Structures/3 sem. hrs. (CS 340) Introduction to the concepts and
practices for handling lists, stacks, queues, sorting & searching techniques, binary
trees, AVL trees, trees & graphs, & hashing. Prerequisites: CCS 330, CCS 355.

CCS 345 Distributed Data Processing/3 sem. hrs. (CS 345) An examination of the features and impact of distributed systems in the business environment. Prerequisites:
CCS 340 and MAT 303 or MAT 450.

CCS 355 The "C" Programming Language/3 sem. hrs. (CS 355) A study of the "C"
programming language that includes variable types, expressions, control-flow constructions, functions, recursive functions, arrays, pointers, structures, unions, and I/O. Prerequisite:
CCS 330 or consent of instructor.

CCS 356 The C++ Programming Language/3 sem. hrs. An introduction to the study
of object-oriented programming using the C++ language with emphasis on the
design and implementation of programs. Topics include data types and operations, online and overload functions, class types and members, access and protection of members of a
class, constructors and destructors, and vertical functions. Prerequisites: CCS 355
and CCS 362 or consent of instructor.

CCS 362 Advanced "C" Programming Language/3 sem. hrs. The Advanced "C"
Programming Language course expands CCS 355. Topics include advanced
pointers, structures and unions, doubly linked lists, hash tables with doubly linked
lists, I/O, "C" preprocessor, "C" code portability, and ANSI standards for "C".
Prerequisite: CCS 355.

CCS 365 Methods of System Analysis/3 sem. hrs. (CS 365) An overview of systems
development with emphasis on techniques and tools of system documentation and
logical system specification. Prerequisite: CCS 345

CCS 370 Software Design/3 sem. hrs. (CS 370) Algorithm analysis, software design,
management of large software projects, functional specification, design and testing
phase of large scale projects, quality control. Prerequisite: CCS 340

CCS 380 Probability and Statistics/3 sem. hrs. Probability functions, random events,
expectation, conditional probability distribution functions, foundations of statistics.
Prerequisite: MAT 210. Equivalent to MATH 453.

CCS 401 Organization of the Computer Environment/3 sem. hrs. (CS 401) Management of the computer environment, personnel, customer interface, budgeting,
cooperation, policy development, staffing, department interface, hardware and
software selection planning, maintenance, and management. Prerequisite: requires
Senior standing.

CCS 405 Computer Architecture/3 sem. hrs. (CS 405) Analysis and design of computer systems, the interrelation of software and hardware design in the final
computer system, the interaction between the operating system and the architecture of
computer systems, concurrent processes and resource allocation. Prerequisites:
CCS 306 and CCS 340.

CCS 420 Operating Systems Concepts/3 sem. hrs. (CS 420) Methods in the analysis
and design of large scale systems, including concepts of semaphores, processes, linear
address space, resource allocation, protection, and basic topics in operating system development. Prerequisite: CCS 355.

CCS 435 Introduction to Robotics/3 sem. hrs. The principles and concepts of modern
robots and automated systems are developed: robot's intelligence, drive
methods, motion control, software and hardware support. Prerequisite: CCS 405,
CCS 445.

CCS 445 Introduction to Digital Signal Processing/3 sem. hrs. Difference equations, Discrete Fourier Transform and Fast Fourier Transform, frequency
discrimination filtering, spectral analysis and estimation, signal modeling, optimum
mean squared error filtering, and system identification.
CCS 451 Database Management: An Information Systems Emphasis/3 sem. hrs. (CS 451) Concepts and structures necessary to design and implement a database management system including logical file organization and data organization techniques, data models, networks, data integrity, and file security. Emphasis is on the logical and user's viewpoint. Prerequisite: CCS 340. Students may not receive credit for this course and CCS 452.

CCS 452 Database Management: A Computer Science Emphasis/3 sem. hrs. (CS 452) Concepts and structures necessary to design and implement a database management system, including physical file organization and data organization techniques, data models, networks, data integrity, and file security. Emphasis is on theoretical foundations and physical system implementation while considering logical and user problems. Prerequisite: CCS 340. Students may not receive credit for this course and CCS 451.

CCS 460 Systems Programming/3 sem. hrs. (CS 460) A study of various system programming techniques, hardware-software interface, software controlled hardware. A comparison of several existing computer systems will be made. Prerequisites: CCS 335 and CCS 340.

CCS 465 Introduction to Interactive Computer Graphics/3 sem. hrs. The principles of interactive computer graphics are presented. Emphasis will be placed on mastering the concepts of two-dimensional graphis including the basic transformations (scale, translate, rotate), perspective, hidden-line removal and hardware support devices. The two-dimensional concepts will be extended to include three-dimensional concepts including smoothing algorithms, animation and a variety of related topics.

CCS 471 Advanced Microcomputer Applications Interfacing/3 sem. hrs. (CS 471) 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 system construction and expert systems. Prerequisite: requires Senior standing.

CCS 475 EDP Audit /3 sem. hrs. (CS 475) Introduction to EDP auditing with emphasis on EDP controls, audit types, and audit techniques including their effects on computer system development. Prerequisites: CCS 315 and CCS 345.

CCS 480 Introduction to Computers and Interpreters/3 sem. hrs. (CS 480) An introduction to compiler/interpreter design. Topics include lexical analysis, parsing, intermediate code, final code generation, optimization, and error recovery. Prerequisite: CCS 320.

CCS 481 Ada Programming Language/3 sem. hrs. (CS 481) Fundamentals of Ada including details of its historical development and its similarities to Pascal. Emphasis on the special features of Ada including data abstractions, multitasking, exception handling, encapsulation, and generics. Prerequisite: CCS 340.

CCS 483 Advanced UNIX/3 sem. hrs. The advanced UNIX course expands CCS 180, Introduction to UNIX. Topics include advanced Bourne Shell and Korn Shell techniques. Also covered are advanced awk system calls, system calls in 'C', lex, yacc, ar, and make. Prerequisites: CCS 180 and CCS 340.

CCS 485 Theory of Computation/3 sem. hrs. (CS 485) Theoretical approach to computer science. Topics include cor-rectness, automata and turing machines, finite state machines, and grammars. Prerequisite: requires Senior standing.

CCS 490 Directed Project in Computer Science/3 sem. hrs. (CS 490) A major project in computer science will be completed by the student under the direction of a faculty member. Prerequisite: requires Senior standing.

CCS 493 Modern Digital Control Systems/3 sem. hrs. Sampling of continuous-time systems and discrete-time systems, analysis of discrete time systems, including process oriented models and disturbance models, design methods, including translation of analog designs, state space methods, pole-placement methods, and input-output methods, with discussion of optimal design, identification, and adaptive control. Prerequisite: Requires Senior standing.

CCS 496 VLSI Design/3 sem. hrs. CMOS devices, transistor theory, processing technology, performance estimation with circuit logic, system design using structured techniques, symbolic layout using MAGIC, automated tools and simulation using SPICE. Prerequisite: Senior standing.

ECONOMICS (ECO)

ECO 201 Principles of Macroeconomics /3 sem. hrs. (COR 121) 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 ECO 215.

ECO 202 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.

ECO 315 Macroeconomics for Managers/3 sem. hrs. (ECO 203, 215) An examination of basic economic concepts emphasizing analysis of current economic issues of the aggregate economy. An historical overview of economic philosophers provides perspective to the modern emphasis. Students may not get credit for this course and ECO 201.


ECO 421 Business Cycles and Forecasting/3 sem. hrs. (FIN 421) 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: ECO 201.

ECO 491-498 Advanced Special Topics/3 sem. hrs. Advanced topics in economics 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.
EDU 141 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 MGT 141 and PSY 141.

EDU 203 Basic Skills Review/3 sem. hrs. A comprehensive course to broaden the student's knowledge base in the social sciences and the natural sciences; and to strengthen math computation and reading comprehension skills through a basic review of those subject areas. Also covered are useful test-taking techniques and critical thinking skills in preparation for the ACT examination.

EDU 226 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.

EDU 317 Instructional Materials/3 sem. hrs. Use of a variety of materials in an educational program, including literature, media, & independent learning material.

EDU 322 Use of Microcomputers in the Classroom/3 sem. hrs. A course to prepare teachers for the use of microcomputers in the elementary & secondary instructional programs, featuring hands-on experiences in a laboratory setting.


EDU 340 Administrative Leadership & 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.

EDU 341 Curriculum Decisions of Early Childhood Programs/3 sem. hrs. Study of curricula and activities to meet the student population's needs, with sub-equent decisions as to appropriate methods, necessary materials, & use of time & space. Leadership in staff development to implement the decisions is included.

EDU 342 Sociological Foundations of Education/3 sem. hrs. (EDU 222) A study of major sociological changes of the past 50 years and their impact on education.

EDU 350 Teaching Styles and Student Achievement/3 sem. hrs. A survey of various teaching styles as used in presentations, activities, evaluations and classroom relationships, and their effect on student achievement.

EDU 351 Computer Applications for the Classroom Teacher/3 sem. hrs. A comprehensive course treating the spectrum of conceptual understanding for computer use in education, technical skills for computer operation as it relates to elementary education, & application of computer skills & teaching techniques to content areas.

EDU 360 Substance Abuse Intervention in the Schools/3 sem. hrs. This course covers the classification and identification of drugs, as well as the behavioral criteria for recognizing alcohol and drug abuse. Attention is given to prevention, intervention and counseling techniques, as well as legal issues related to student drug use. Also covered is the use of appropriate educational resources and services to assist students who show signs of alcohol or drug abuse. Identical to PSY 360.

EDU 361 Educational Strategies for Drug Prevention Programs/3 sem. hrs. This course focuses upon the development of effective drug prevention programs. Appropriate instructional techniques for substance abuse will be covered, as well as an examination of the drug prevention resources available. In addition, methods for evaluating the effectiveness of drug education programs will be examined. Identical to PSY 361.

EDU 362 Drug Prevention and Education/3 sem. hrs. This course covers the classification and identification of drugs, as well as the behavioral criteria for recognizing alcohol and drug abuse. Specific attention is paid to prevention, education, and intervention strategies within the home, the school, and the community. Methods for evaluating the effectiveness of these strategies are also examined. Identical to PSY 362.

EDU 412 Children's Literature/3 sem. hrs. A study of children's literature, including history, techniques of writing, trends, examples of different forms, techniques for teaching literature to children.

EDU 413 Instructional Use of Audio-Visual Materials/3 sem. hrs. A general course for teachers at all grade levels. Methods of using audio-visual materials on the instructional program. The selection, production, and evaluation of instructional materials and techniques for their inclusion in curricula.

EDU 419 Rhythm and Dance in Elementary Curriculum/3 sem. hrs. This course is designed to prepare students to select & plan meaningful rhythm & dance experiences for elementary students.

EDU 430 Classroom Management of the Emotionally Disturbed/3 sem. hrs. A study of major theoretical models of emotional disturbance in children, and specific classroom strategies suggested by each model. Prerequisite: EDU 435.

EDU 433 Identification & Remediation of Learning Disabilities/3 sem. hrs. A discussion of the nature and variety of learning disabilities, as well as techniques for their identification and remediation and for the assessment of learning potential. Prerequisite: EDU 435.

EDU 434 Learning Assessment/3 sem. hrs. Tests and measurements, the construction and evaluation of tests; methods and theories, including the use of test results, in curriculum selection.

EDU 436 Methods of Teaching Reading in Middle School/3 sem. hrs. Identifying reading skills, evaluating skills, and recognizing and diagnosing reading problems in middle school. A discussion of prescriptive methods and materials to increase the reading performance of students in the middle school.

EDU 441 Techniques of Corrective or Remedial Reading/3 sem. hrs. Techniques and instructions for the identification of problems of reading and a discussion of the prescriptive techniques for corrective or remedial procedures in reading. Prerequisite: ELE 332 or equivalent.


EDU 448 Classroom Management/3 sem. hrs. A study of the factors that contribute to classroom management, e.g., curricula, methods and materials, and student and teacher behavior.

EDU 452 Internship/3 sem. hrs. Comprehensive review and practical application of educational philosophy, method, and strategy through a seminar and a nine-week supervised student-teaching assignment. Prerequisite: Written consent of Program Director.
EDU 463 Principles of Coaching/3 sem. hrs. Emphasis on theory and practice in coaching sports.

EDU 464 Administration of Athletic Programs/3 sem. hrs. A study of the duties and responsibilities of the athletic director for the purpose of improving the athletic program.

EDU 468 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.

EDU 491-498 Advanced Special Topics/3 sem. hrs. Advanced topics in education that are not included in regular course offerings. Specific content and pre-requisites are announced in the course schedule for a given term. Students may re-enroll for special topics covering different content.

ELEMENTARY EDUCATION (ELE)

ELE 110 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 & local licensing procedures and rules for healthful living; a program to foster the growth of physical, affective, and cognitive competencies in the preschool child.

ELE 111 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 assure optimum growth for the individual child. Identification of the children's strengths and their potential contributions to their positive self-image.

ELE 112 Introduction to Early Childhood III/3 sem. hrs. Promoting development through management skills & 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 assure a commitment to the goals of the center.

ELE 311 Teaching Social Studies in Elementary Schools/3 sem. hrs. Study of content, including conservation of natural resources, methodology, program development, appropriate activities, and evaluative techniques for elementary social studies.

ELE 312 Teaching Science in Elementary Schools/3 sem. hrs. Content and methods for teaching science in the elementary school; "hands-on" approaches, resources, material and ideas drawn from the student's experiences will all be discussed. Prerequisite: PHY 101 or equivalent.

ELE 313 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.

ELE 314 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.

ELE 315 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.

ELE 316 Teaching Mathematics in Elementary School/3 sem. hrs. Content, materials, and methods for teaching mathematics in the elementary school. Prerequisites: MAT 133 and Applied Arithmetic Test.

ELE 318 Teaching Language Arts/3 sem. hrs. Curriculum content, materials, and methods for teaching the language arts including, but not limited to, spelling, grammar, handwriting, composition, and children's literature.

ELE 331 Reading Skills in Elementary School/3 sem. hrs. An introduction to the teaching of reading in the elementary school; approaches to reading instruction; evaluation of reading skills. Prerequisite: Basic personal reading skills to be evaluated by the program.

ELE 332 Reading Evaluation/3 sem. hrs. Diagnosing reading problems, prescribing a variety of methods to increase reading ability. How to use a variety of approaches to the teaching of reading. Prerequisites: ELE 331 and basic personal reading skills to be evaluated by the program.

ELE 361 Special Methods of Early Childhood Education I/3 sem. hrs. A study of various approaches to early childhood education.

ELE 362 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.

ENGLISH AS A SECOND LANGUAGE (ESL)

ESL 104 English as a Second Language/3 sem. hrs. Intended for students from non-English backgrounds who have been admitted to Level IV of the Intensive English Program. Credit awarded for successful completion of Level IV subject matter: reading and writing skills at a level sufficient for study at a college or university where English is the language of instruction, and speaking/listening skills at an advanced, pre-professional level.

EXCEPTIONAL STUDENT EDUCATION (ESE)

ESE 406 Foundations of Mental Handicaps/3 sem. hrs. (EDU 406) A study of the biological, psychological, and sociological foundations of mental handicaps. Prerequisite: ESE 435

ESE 407 Curriculum for Mental Handicaps/3 sem. hrs. (EDU 407) A study of the development of curricula appropriate for various levels of mental handicaps including the teaching techniques and materials for implementation. Prerequisite: ESE 435

ESE 408 Classroom Procedures for Mental Handicaps/3 sem. hrs. (EDU 408) A study of management techniques, teaching strategies, and instructional materials appropriate for educational programs for the trainable and educable mentally handicapped. Prerequisite: ESE 435

ESE 420 Foundations of Emotional Handicaps/3 sem. hrs. (EDU 420) Information about the nature and needs of the emotionally handicapped with emphases on etiology, prevention, intervention, and utilization of community services. Prerequisite: ESE 435

ESE 429 Educational Programming for the Emotionally Handicapped/3 sem. hrs. (EDU 429) Study of program designs for curricular objectives with delivery formats appropriate for emotionally handicapped students. Prerequisite: ESE 435
Emotional Disturbances. Specific learning disabilities are the assessment of individual problems and programming for the remediation within the classroom. Prerequisite: ESE 435.

ESE 438 Educational Assessment of Exceptional Children/3 sem. hrs. (EDU 438) Educational assessment, including evaluative and instructional techniques, for exceptional children to provide an objective database for individualized instruction. Prerequisite: ESE 435.

ESE 439 Individualization of Diagnosis and Instruction for the Learning Disabled Child/3 sem. hrs. (EDU 439) Skills for the diagnosis of various learning disabilities and the planning of individual programs for the learning disabled child. Various models of curricula, and instructional and individual classroom designs for learning disabled children will be discussed with an emphasis on the techniques needed for developing individualized programs for learning disabled children. Prerequisite: ESE 435.

ESE 440 Introduction to Language Development and Speech Disabilities/3 sem. hrs. (EDU 440) A study of language development and various speech and language disorders in children, with an emphasis on the assessment of individual problems and programming for their remediation within the classroom. Prerequisite: ESE 435.

ESE 444 Materials & Methods for Learning Disabled Children/3 sem. hrs. (EDU 444) This course outlines specialized curriculum and instructional materials for teaching specific learning disabled students, with emphasis on curriculum standards and resources. Prerequisite: ESE 435.

ESE 450 The Gifted Student: Nature and Needs/3 sem. hrs. (EDU 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. Prerequisite: ESE 435.

ESE 451 Educational Procedures for the Gifted/3 sem. hrs. (EDU 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. Prerequisite: ESE 435.

ESE 453 Vocational/Functional Life Skills/3 sem. hrs. (EDU 453) Personal and social skills for exceptional students with an emphasis on employability skills, career awareness, and transition planning for adult living. Emphasis is also placed on teaching major competencies necessary from kindergarten to late adulthood for vocational and social needs. Prerequisite: ESE 435.

ESE 455 Guiding and Counseling the Gifted Student/3 sem. hrs. (EDU 455) A study of basic counseling techniques to help the classroom teacher guide the gifted student toward optimum academic & social growth. Prerequisite: ESE 435.

FINANCE (FIN)

FIN 100 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.

FIN 203 Financial and Accounting Management in Health Care/3 sem. hrs. (HCS 403) Using accounting information to make managerial decisions. Topics include third party payers, volume forecasting, budgeting procedures, and rate setting techniques. Offered in HCS only.

FIN 213 Personal Finance/3 sem. hrs. (FIN 101) Survey of personal financial strategy. Provides guidelines in many areas including borrowing money, investments, insurance, home ownership taxes, and consumer rights.

FIN 301 Corporation Finance/3 sem. hrs. (FIN 211) 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: ACT 205.

FIN 311 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: FIN 301.

FIN 315 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.

FIN 411 Principles of Investments/3 sem. hrs. (FIN 331) Investment management is emphasized including financial statements & portfolio management. How to: analyze financial statements, use rating services such as Moody's and Standard & Poor's, and compare growth and income investments. Prerequisite: ECO 201.

FIN 455 International Finance/3 sem. hrs. International monetary systems, foreign exchange markets, exchange rates, international financial institutions, capital markets. Prerequisite: FIN 301.

FIN 491-498 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 re-enroll for the courses.

GEOGRAPHY (GEO)

GEO 205 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.

GEO 222 The Modern City/3 sem. hrs. Origins of the city. Cities as physical, social, and economic systems. Comparative studies of cities. Identical to SOC 222.
GEO 226 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 nonwestern world. Identical to PHY 226.

GEO 228 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.

GEO 291-299 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 re-enroll for Special Topics covering differing content.

GEO 491-498 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.

HISTORY (HIS)

HIS 103 American History to 1865/3 sem. hrs. (HIS 201, SSI 201) 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.

HIS 104 American History Since 1865/3 sem. hrs. (HIS 202, SSI 202) 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.

* HIS 105 The American Experience/3 sem. hrs. (COR 104) 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.

* HIS 110 Roots of Western Society/3 sem. hrs. (COR 103, HIS 101) 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.

HIS 209 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.

HIS 301 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. Identical to LGS 401. Prerequisite: LGS 201.

HIS 302 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. Identical to LGS 302. Prerequisite: LGS 301.

HIS 321 The Great Individual in History/3 sem. hrs. (HUM 380) The role of the great individual in historical events. Included is an examination of the qualities which make the great individual and the extent to which the great individual influences the course of history.

HIS 333 History of Political Thought I/3 sem. hrs. (HIS 316, HIS/LSG/POL 330, POL 401) A study of the classic works of political philosophy from the ancients through the early modern period (eg. Plato, Aristotle, Machiavelli, Hobbes) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HUM 333, LGS 333 and POL 333.

HIS 334 History of Political Thought II/3 sem. hrs. A study of the classic works of political philosophy from the early modern period through the present (eg. Locke, Rousseau, Mill, Marx, Dewey) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HUM 334, LGS 334 and POL 334.

HIS 405 Civil and Political Liberties/3 sem. hrs. A survey of the philosophical bases and actual development of civil and political liberties in the United States. The course primarily examines the leading United States Supreme Court cases in the area. Identical to LGS 405. Prerequisites: LGS 201, 302.

HIS 410 Emerging Nations/3 sem. hrs. Overview of Africa, China, and the Middle East; their peoples, states, and geography. The emergence of national political systems and stratified societies, changing economic & population patterns, and the conflict between authoritarian & revolutionary approaches to modernization. Comparison and contrast will be drawn to the Latin American & Caribbean experience. Identical to LAC 410.

HIS 426 Law and the American Mind/3 sem. hrs. The study of the development of American jurisprudence and legal thought within the context of the American intellectual climate. The course seeks the relationship between the patterns of legal thought and the changing American mind. Identical to LGS 426.

HIS 427 Florida History/3 sem. hrs. (SSI 427) An in-depth survey of Florida history from 1500 to the present. Prerequisite: HIS 201, 202 or consent of instructor.

HIS 441 International Law/3 sem. hrs. 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. Identical to LGS 441. Prerequisites: LGS 201, 302.

HIS 460 Studies in Revolution/3 sem. hrs. (SSI 460) Major forces that have shaped the revolutionary impulse from the 18th through the 20th century. Emphasis upon the great revolutions: American, French, Russian, Chinese - the background, the underlying reasons, ideals, patterns of their growth, and their effects upon the course of history. Identical to POL 460.
HIS 2900-3000 Special Topics in History /3 sem. hrs. Topics in history 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 differing content.

HUMANITIES (HUM)

HUMANITIES I (HUM 105) The Humanities I requirement must be met by taking one of the following courses: HUM 218, HUM 220, HUM 240, HUM 375 or HUM 381. Please consult your advisor for assistance with course selection.

HUMANITIES II (HUM 204) The Humanities II requirement must be met by taking one of the following courses: HUM 206, HUM 207, HUM 208, or HUM 209. Please consult your advisor for assistance with course selection.

HUM 171 Nova Community Singers I/1 sem. hr. Participation in the Community Singers requires attendance at rehearsals and group performances. Prerequisite: Audition.

HUM 172 Nova Community Singers II/1 sem. hr. Continued participation in Community Singers. Rehearsals and performances. Prerequisite: Audition.

HUM 173 Nova Community Singers III/1 sem. hr. Continued participation in Community Singers. Rehearsals and performances. Prerequisite: Audition.

HUM 201 The Individual and Society/3 sem. hrs. (HUM 101) 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.

HUM 206 The Self & Literature/3 sem. hrs. An examination of various issues of personal identity; selfhood, alienation, identity crises, and the relation of the self to the other as evidenced in imaginative and philosophical works.

HUM 207 Politics and Literature/3 sem. hrs. A study of philosophical themes of a political nature that arise in works of literature. Such themes as the nature of justice, the democratic process, the nature of a political community, and the impact of the economy on social formations might be discussed.

HUM 208 Existentialism and Literature/3 sem. hrs. An examination of the major existentialist writers, including sources of existentialism found in earlier literary and philosophical movements. The course emphasizes existentialist themes in contemporary literature, and addresses our "Being and Becoming" in the world.

HUM 209 Literature & the Problem of Knowledge/3 sem. hrs. This course uses literary and philosophical texts to explore questions about the nature of knowledge. The course will examine how the worlds of imaginative literature and philosophy engage one another & how each provides answers to the challenge of skepticism.

HUM 210 Freedom & Totalitarianism/3 sem. hrs. (HUM 200, 411) An interdisciplinary humanities approach to the philosophical, psychological, and social aspects of freedom, totalitarianism, and related issues. Special interest in trends of modern society.

HUM 214 King Arthur in Legend & Art /3 sem. hrs. An exploration of the origins & development of the legend of King Arthur and the Knights of the Round Table in literature, art, music and film from the Dark Ages to the 20th century.

HUM 216 Introduction to International Studies/3 sem. hrs. An interdisciplinary overview of world systems and societies and their place in a rapidly changing, increasingly interdependent world. The goal of this course is to establish in the student a global consciousness. Identical to ITS 216.

* HUM 218 Myth and Art/3 sem. hrs. (Formerly HUM 105) This course explores the relations between verbal and visual arts, focusing on the myths and epics of the early Mediterranean world and the literature and arts of later periods, such as the Renaissance and Baroque, when the classical myths were re-examined and reinterpreted.

* HUM 220 Non-Western and Modern Art/3 sem. hrs. This course focuses primarily on Asian, Oceanic, African and American art, their discovery by the West and their effects on the development of 20th century art.

* HUM 221 Folklore/3 sem. hrs. This is the study of traditional culture, or knowledge which is learned informally within groups and communities. Folklore forms such as folk tales, myths, legends, ballads, customs, crafts, architecture, and food-ways provide examples of how traditional culture functions in the lives of individuals and their communities. Identical to SOC 221.

HUM 230 Philosophical Issues/3 sem. hrs. (HUM 315) An examination of such classic philosophical issues as: what is the nature of the human individual; what is reality; how do we know; what is truth; what constitutes beauty; are our wills free or determined; does God exist and how would we know: what is the relation between minds and bodies?

HUM 231 Critical Thinking/3 sem. hrs. (HUM 320) A study of the basic conceptual tools needed to recognize, formulate, and evaluate arguments. Topics include inductive and deductive reasoning, truth and validity, analogies, definitions, fallacies, and paradoxes.

* HUM 240 The Theatre Arts/3 sem. hrs. (HUM 217) Course focuses on the arts of the theatre including drama, music, dance, play production, with a study of plays representing major theatrical trends.

HUM 254 Introduction to Film Criticism/3 sem. hrs. (HUM 354) An examination of film as an art form. Topics include the "grammar" of film, film genres, the documentary, the avant garde film, and critical approaches to film. Prerequisite: LAN 111.

HUM 260 Women and Law/3 sem. hrs. (HUM 314) This course examines sex-based discrimination in American society. It includes a historical/sociological analysis of the evolution of laws affecting women in employment, education, health and welfare, property ownership, and criminal justice. It also investigates public policy issues that affect women's lives. The course focuses on the role of the law to promote or hinder constructive social change. Identical to LGS 260.

HUM 262 Children and the Law/3 sem. hrs. A survey on the philosophical, sociological and legal doctrines that control the legal status of children in society. The course will cover the topics of delinquency, dependency, neglect, abuse, and special educational needs. Identical to LGS 262.

HUM 263 Law and Popular Culture/3 sem. hrs. This course examines how the legal system is presented in various popular media, particularly film. Attention will be paid to the conflict between the aesthetic requirements, the medium in question, and actual practices of the legal profession. Identical to LGS 263.
HUM 264 Judiciary & Democracy/3 sem. hrs. Exploration of the theory and practice of an independent judiciary within democratic government. The course will focus on the role of judges in Anglo-American common law jurisdictions. Identical to LGS 264.

HUM 302 Women’s Study Practicum/3 sem. hrs. Experience working in student’s major area or other area of interest that addresses or concerns itself with issues related to women. Identical to WMS 302.

HUM 305 Feminist Theory/3 sem. hrs. This course will study assumptions related to gender issues: how we bring certain assumptions to our reading of text and on ways that we are influenced by them. This course will also address how gender-related assumptions shape the fields & professions of modern American Society. Identical to WMS 305.

HUM 306 Women and Literature/3 sem. hrs. Works will be studied among women with the rich and extensive contributions of women to the various literary genres (autobiography, poetry, fiction). Identical to WMS 306.

HUM 310 The American Character/3 sem. hrs. (SBI 356) The nature of the American character within the context of modern personality theory, seeking the underlying social and historical forces that have shaped the American. An evaluation of character values expressed in certain strands of American philosophy and literature.

HUM 318 Biomedical Ethics/3 sem. hrs. (HCS 301) Surveys the concepts, issues, conflicts, and technical decisions with moral problems in health care. Identification of problems; health care professionals face in human, moral, and ethical conflicts. Offered in HCS only.

HUM 321 Ethics/3 sem. hrs. (Formerly Ethical & Moral Judgments) A philo-sophical 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.

HUM 322 Science & Modern Thought/3 sem. hrs. An examination of the role of science in the modern world including the nature of the scientific object, the nature of the scientific method and scientific revolutions, the relationship of scientific revolutions, the relation of science to other modes of knowing, and the relation of science to technology. Prerequisite: LAN 111.

HUM 323 Contemporary Latin American Fiction/3 sem. hrs. A survey of Latin American fiction from 1940 to present. Lectures in English; students may read books and write papers in English or Spanish. Prerequisite: LAN 112 or its equivalent. Identical to IAC 323.

HUM 326 Law and American Culture/3 sem. hrs. Explores the relationship of law to American culture at different historical moments. Emphasis placed upon the cultural values, world view, and assumptions of the culture as it shapes the legal mind. Identical to LGS 326.

HUM 333 History of Political Thought I/3 sem. hrs. (HIS 310, HIS/LGS/POL 330, POL 401) A study of the classic works of political philosophy from the ancient through the early modern period (e.g., Plato, Aristotle, Machiavelli, Hobbes) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HIS 333, LGS 333 and POL 333.

HUM 334 History of Political Thought II/3 sem. hrs. A study of the classic works of political philosophy from the early modern period through the present (e.g., Locke, Rousseau, Mill, Marx, Dewey) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HIS 334, LGS 334 and POL 334.

HUM 351 American Literature/3 sem. hrs. (HUM 251) Survey of American literature with emphasis on the growth of American thought as expressed in the writings of selected American authors.

HUM 353 Films as Literature/3 sem. hrs. Examines the ways film creates narrative, metaphor, symbol, and other aspects of language. Includes viewing of representative films and reading of film criticism.

HUM 355 Irish Literature/3 sem. hrs. A survey of Irish myth, epic, romance, poetry, drama and prose from the Celtic Iron Age to the present day, including both Gaelic works in translation and Anglo-Irish literature.

HUM 356 English Literature I/3 sem. hrs. A survey of English literature from Beowulf through Shakespeare within historical, political, religious, and cultural contexts.

HUM 357 English Literature II/3 sem. hrs. A survey of English literature from the early 17th century to the present day, emphasizing major writers within their historical and cultural contexts.

HUM 366 Philosophy of Law/3 sem. hrs. A critical examination of basic analytic and normative questions pertaining to law. Topics include the nature of law, law and morality, legal responsibility and legal excuses, civil disobedience, the justification of criminal punishment, and the discussion of cases in relation to principles. Identical to LGS 366.

* HUM 375 Music Through History/3 sem. hrs. This course investigates the particular contribution of musicians and music in Western cultures since the Middle Ages, including the basic structure of musical forms as well as the evolution of these forms.

* HUM 381 Art and Society/3 sem. hrs. This course examines the roles of the arts and artists in Western society, particularly from the Renaissance to the 20th century, including painting, sculpture, architecture, music, dance, and film. Students will gain a broad perspective on the different ways in which artists and art serve society.

HUM 400 Women in the Arts and Humanities/3 sem. hrs. A study of the particular contributions of women in the humanities, including art, literature, music, theatre, film, and dance. Identical to WMS 400.

HUM 402 Women and Political Theory/3 sem. hrs. Through a study of theories of social change, this course will examine women’s role in liberation movements in the third world. It will also explore what a “feminist consciousness” can contribute to political movements in our society. Identical to WMS 402.

HUM 405 Women and Science/3 sem. hrs. This course will look at issues in the literature of science concerning women, including the underrepresentation of women in the scientific profession, and the possibility of “male bias” in the procedures of science itself. Identical to WMS 405.

HUM 426 Law and the American Mind/3 sem. hrs. The study of the development of American jurisprudence and legal thought within the context of the American intellectual climate. The course seeks the relationship between the patterns of legal thought and the changing American mind. Identical to LGS 426.
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"growth has meant examination of practical and theoretical
goals. The study of man as a social being whose production
and distribution of economic goods must be consistent with
congruent institutions of family, political, and cultural life, if
society is to be liveable in the future. Identical to
POL 332.

ITS 430 Ethics and Foreign Affairs/3 sem. hrs. This course examines the moral
significance of national boundaries. Topics include: the moral basis for international
relations; duties of affluent nations to those nations less affluent; moral issues
concerning economic inter-dependence; the question of what counts as a "national
interest" and how much the appeal to those interests justifies. Identical to ITS 430.

HUM 451 Eastern Thought/3 sem. hrs. Study of the major philosophical
and religious systems of thought from East and
South Asia, such as Hinduism, Buddhism,
Confucianism, and Taoism. Includes discussion of the relevant history and
cultural background.

HUM 2900-3000 Special Topics in the Humanities/3 sem. hrs. Topics in
Humanities 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.

INTERNATIONAL STUDIES
(ITS)

ITS 216 Introduction to International
Studies/3 sem. hrs. An interdisciplinary
overview of world systems and societies
and their place in a rapidly changing,
increasingly interdependent world. The
goal of this course is to establish in the
student a global consciousness. Identical to
HUM 216.

ITS 331 The Theory & Practice of
International Relations/3 sem. hrs. An
examination of practical and theoretical
dimensions of contemporary thinking
about the international system and some of
its problems. Identical to ITS 331.

ITS 332 The Political Economy of
Development/3 sem. hrs. An analysis of
political economic systems to determine
why growth has meant luxuries for some
while others go hungry. The study of man
as a social being whose production
and distribution of economic goods must be consistent with congruent institutions of
family, political, and cultural life, if society
is to be liveable in the future. Identical to
POL 332.

ITS 430 Ethics and Foreign Affairs/3 sem. hrs. This course examines the moral
significance of national boundaries. Topics include: the moral basis for international
relations; duties of affluent nations to those nations less affluent; moral issues
concerning economic inter-dependence; the question of what counts as a "national
interest" and how much the appeal to those interests justifies. Identical to ITS 430.

ITS 431 Issues in International Affairs/ 3
sem. hrs. This 16-week capstone course
allows the student to choose an issue in
international affairs of particular interest to
him or her and carry out inde-pendently,
library and/or empirical re-search. Faculty
supervision is provided on an individual
basis. Identical to ITS 431.

ITS 485 Preparation for Field Study/3 sem.
hrs. This course provides students who are
about to engage in a study abroad/field
experience with a framework for
understanding the culture into which they
will be introduced. Emphasis is placed on
developing a cross-cultural perspective and
intercultural communication.

ITS 486 Field Study/Study Abroad/6 sem.
hrs. A program of total immersion in a
foreign language and/or culture. Students
reside with families abroad and study in an
approved foreign university or institute.

LANGUAGE & COMPOSITION
(LAN)

LAN 100 Language Arts Lab/3 sem. hrs.
A review of basic writing skills emphasizing
usage and organization based on reading
and writing assignments. To prepare
students for LAN 111.

* LAN 111 Critical Reading and Writing I/3 sem. hrs. Instruction in the principles
and skills of effective expository writing
with competence. Prerequisite: Placement
examination.

* LAN 112 Critical Reading and Writing II/3 sem. hrs. A continuation of LAN 111
that includes argumentative writing and
instruction in use of the library. The course
requires the student to develop a
documented research paper. Prerequisite:
LAN 111.

LAN 115 Communications I/3 sem. hrs.
Emphasis on narrative, descriptive, and
expository writing, as well as oral
communication, in a competency-based
on-line computer environment.

LAN 120 Communications II/3 sem. hrs.
Emphasis on argumentative writing and
research techniques, as well as oral
communication, in a competency-based,
on-line computer environment.

LAN 123 Elementary Spanish/6 sem. hrs.
(LAN 121/122) Essentials of Spanish
language with emphasis on grammar,
vocabulary, writing, and oral skills.
Introduction to Spanish culture.

LAN 150 Intensive English - Level I/3 sem.
hrs. The beginning level of instruction in
English as a foreign language. The course
consists of classes in each of the three skill
areas of the language - conversation,
writing, and reading. It is designed for
students who possess very limited or no
knowledge of English. Offered only at
Panama Center.

LAN 200 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. Prerequisite:
LAN 112 or its equivalent.

LAN 201 Fundamentals of Public
Speaking/3 sem. hrs. (HUM 201) Training
and practice in the fundamentals of speech
including methods of obtaining and
organizing materials and of presenting
speeches effectively.

LAN 211 Intermediate Expository
Writing/3 sem. hrs. A workshop course for
students seeking to extend their command
of exposition, argumentation and
persuasion, and their mastery of prose style.
Prerequisite: LAN 112.

LAN 215 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.

LAN 223 Intermediate Spanish/6 sem. hrs.
(LAN 221/222) Readings in Spanish
literature and culture. Study of Spanish
idioms and syntax. Further development of
oral and written Spanish. Prerequisite:
LAN 123.

LAN 250 Intensive English - Level II/3 sem.
hrs. The lower intermediate level of
instruction in English as a foreign language.
The course consists of classes in the three
skill areas of the language and is designed
for students who already possess certain
minimal skills in English. Offered only at
Panama Center.
LAN 301 Oral Interpretation/3 sem. hrs. (HUM 205) Relation of appreciation of literature to oral interpretation; evaluation and analysis of selections of prose and poetry from the viewpoint of oral reading; basic techniques of reading aloud. Prerequisite: LAN 201.

LAN 302 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: LAN 311.

LAN 311 Writing for the Professions/3 sem. hrs. (Formerly Business Communication) 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: LAN 311.

LAN 312 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: LAN 311.

LAN 350 Intensive English - Level III/3 sem. hrs. The higher intermediate level of instruction in English as a foreign language. The course consists of classes in the three skill areas of the language and is designed for students who possess more than minimal skills in English. Offered only at Panama Center.

LAN 480 Intensive English - Level IV/3 sem. hrs. The advanced level of instruction in English as a foreign language. The course consists of classes in the three skill areas of the language and is designed for students who already possess average skills in English. Offered only at the Panama Center.

LAN 491-498 Advanced Special Topics/3 sem. hrs. Advanced topics in language 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.

LATIN AMERICAN AND CARIBBEAN STUDIES (LAC)

*LAC 213 Latin American & Caribbean Studies/3 sem. hrs. (COR 113) Latin America and the Caribbean: its peoples, states, and geography. The emergence of national political systems and stratified societies, changing economic and population patterns, and the conflict between authoritarian and revolutionary approaches to modernization.

LAC 240 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. Identical to LGS 240.

LAC 261 Cultural Minorities and the Law/3 sem. hrs. A study of the position of traditional and black societies within the legal systems of American nations. Topics to be discussed will include the relation-ship between American Indians and American justice, the legal position of blacks in American societies, and the legal position of Mexican-Americans in North American society from 1848 to present. Identical to LGS 261.

LAC 323 Contemporary Latin American Fiction/3 sem. hrs. A survey of Latin American fiction from 1640 to present. Lectures in English; students may read books and write reports in English or Spanish. Identical to HUM 323.

LAC 411 The Economic Crisis in Latin America/3 sem. hrs. A course intended for a broad student audience. Students acquire a basic knowledge of the debt problem in Latin America and its implications for the future economic and political well-being of the world. Origins of the problem are examined; outlooks and prescriptions for the future are explored.

LAC 431 Issues in International Affairs/ 3 sem. hrs. This 16-week capstone course allows the student to choose an issue in international affairs of particular interest to him or her and carry out inde-pendently, library and/or empirical re-search. Faculty supervision is provided on an individual basis. Identical to ITS 431.

LAC 485-488 Field Study in Latin America/3-12 sem. hrs. (SOC 485-488) 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.

LAC 500-5000 Special Topics in Latin American & Caribbean Studies/3 sem. hrs. Topics in Latin American & Caribbean Studies 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.

LEGAL ASSISTANT/ PARALEgal STUDIES (LEG)

LEG 215 Introduction to Law and the Legal Profession/3 sem. hrs. Introduction to the structure and basic decisional processes of the American legal system; the role of the lawyer and the legal assistant in private firms, government agencies, and business; fundamentals of legal interviewing, law office structure, and management.

LEG 221 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: LEG 121 or CAP 111. Identical to CAP 221.

LEG 225 Legal Fundamentals I/3 sem. hrs. Fundamentals of business law; basic principles of contracts, real estate law, business organizations, and wills and trusts. Credit cannot be obtained for both LEG 225 and BUS 215.

LEG 226 Legal Fundamentals II/3 sem. hrs. Basic principles of tort law, criminal law, family and juvenile law.

LEG 325 Legal Research and Writing/3 sem. hrs. A study of the primary and secondary sources of Anglo-American law with emphasis on the function of the law library and the acquisition of research skills. An introduction to the techniques of presenting the results of research in acceptable written form. Prerequisite: LEG 215 or LGS 201; or permission of coordinator.
LEG 335 Legal Documents and Drafting /3 sem. hrs. A workshop to develop skills in writing and preparing necessary documents, i.e., corporate papers, real estate forms, wills, bankruptcy. An introduction to civil procedure and preparation of motions, pleadings, orders, etc. Prerequisite: LEG 215 or I.GS 201; and LEG 225, or BUS 215 and BUS 216; or permission of coordinator.

LEG 345 Fundamentals of Litigation & Advocacy /3 sem. hrs. Anatomy of a law suit. Processes and practices relative to litigation in state and federal courts. Preparation for trial; civil and criminal procedure and use of required reference materials such as Florida Rules of Civil and Criminal Procedure. Prerequisite: LEG 215 or I.GS 201; and LEG 226, or BUS 215 and BUS 216; or permission of coordinator.

LEG 415 Advanced Litigation and Advocacy /3 sem. hrs. Practices & pro-ceedures relative to trial preparation and litigation: pretrial correspondence, document preparation, negotiation of settlements, preparation of personal injury files, civil procedure. Prerequisite: LEG 215 or I.GS 201; and LEG 226 or BUS 216; and LEG 345; or permission of coordinator.

LEG 425 Real Estate Practice /3 sem. hrs. Practice and procedures related to all aspects of commercial and residential lease or sale: searches and title insurance, deeds, mortgages, mortgage foreclosures, compliance to quit title, liens. Prerequisite: LEG 215 or I.GS 201; and LEG 225 or BUS 215; and LEG 335; or permission of coordinator.

LEG 435 Wills, Trusts & Estate Planning /3 sem. hrs. Probate/Non-Probate procedures and methods of distribution of estates; estate and gift taxes; use of wills, trusts, life insurance and miscellaneous devices and marital deduction in estate planning; charitable transfers; post-mortem estate planning. Prerequisites: LEG 215 or I.GS 201; and LEG 225 or BUS 215; and LEG 335; or permission of the coordinator.

LEG 445 Business Entities /3 sem. hrs. Practice and procedures related to different types of business entities; research and document preparation, creation, operation, and dissolution. As these entities are generally legislatively created, the relevant statutes will also be reviewed and studied. Prerequisite: LEG 215 or I.GS 201; and LEG 225 or BUS 215; LEG 325 and LEG 335; or permission of coordinator.

LEGAL STUDIES (LGS)

LGS 201 Law in Action: Introduction to Legal Reasoning /3 sem. hrs. (BUS 182, LAW 201) Introduction to the structure & basic decisional processes of the American legal system. Course material examines the central issues and processes of the legal system in the per-spective of their everyday working relationships, courts works, how to read and understand statutes, and analyzing constitutio-nal law. Prerequisite: LAW 111.

LGS 210 The Legal Profession /3 sem. hrs. (LGS 310) 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. Prerequisite: LGS 201.

LGS 240 Comparative Legal Systems /3 sem. hrs. A study of the interrela-tionship between cultures & legal systems; how legal systems develop as a response to and expression of the cultures from which they derive. I dentical to LAC 240.

LGS 260 Women and Law /3 sem. hrs. (LGS 314) This course examines sex-based discrimination in American society. It includes a historical/sociological analysis of the evolution of laws affecting women in employment, education, health & welfare, property ownership, & criminal justice. It also investigates public policy issues that affect women's lives. The course focuses on the role of the law to promote or hinder constructive social change. I dentical to HUM 260.

LGS 261 Cultural Minorities and the Law /3 sem. hrs. A study of the position of traditional and black societies within the legal systems of American nations. Topics to be discussed will include the relationship between American Indians and American justice, the legal position of blacks in American societies, and the legal position of Mexican-Americans in North American society from 1848 to present. I dentical to LAC 261, HIS 261.

LGS 262 Children and the Law /3 sem. hrs. A survey on the philosophical, sociological and legal doctrines that control the legal status of children in society. Course covers the topics of delinquency, dependency, neglect, abuse, and special educational needs. I dentical to HUM 262.

LGS 263 Law and Popular Culture /3 sem. hrs. This course examines how the legal system is presented in various popular media, particularly film. Attention will be paid to the conflict between the aesthetic requirements, the medium in question and actual practices of the legal profession. I dentical to HUM 263.

LGS 264 Jurisprudence /3 sem. hrs. Exploration of the theory and practice of an independent judiciary within democratic government. The course will focus on the role of judges in the Anglo-American common law jurisdictions. I dentical to HUM 264.

LGS 267 The Law and Psychology /3 sem. hrs. This course will cover various issues that arise when the field of psychology interacts with the field of law. The issues range from the psychology of courtroom demeanor to more overtly legal issues such as the insanity defense, involuntary civil commitment, liability of psycho-therapists to civil commitment, liability of psycho-therapists to honor patient confidentiality, and to other due process rights. I dentical to PSY 267.

LGS 281 Practice in Community Law /3 sem. hrs. Experience in applying legal studies in the community through placement in a law or law-related work experience. Supervision on site and by the Academic Division. Credit(s) earned may not be applied to LGS 450. Prerequisite: LGS 201 and written approval of the Coordinator of Legal Studies major.

LGS 301 Constitutional History /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. I dentical to HIS 301. Prerequisite: HIS 105, LGS 201.

LGS 302 Constitutional History /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. I dentical to HIS 302. Prerequisite: LGS 301.

LGS 326 Law and American Culture /3 sem. hrs. Explores the relationship of law to American culture at different historical moments. Emphasis is placed upon the cultural values, world view, and assumptions of the culture at shapes the legal mind. I dentical to HUM 326. Prerequisite: LGS 302.
LGS 333 History of Political Thought I/3 sem. hrs. (LGS 330) A study of the classic works of political philosophy from the ancients through the early modern period (eg., Plato, Aristotle, Machiavelli, Hobbes) with special attention being paid to the social, political & economic environments from which these works emerged. Identical to HUM 333, HIS 333 and POL 333.

LGS 334 History of Political Thought II/3 sem. hrs. A study of the classic works of political philosophy from the early modern period through the present (eg., Locke, Rousseau, Mill, Marx, Dewey) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HIS 334, HUM 334 and POL 334.

LGS 336 Philosophy of Law/3 sem. hrs. A critical examination of basic analytic and normative questions pertaining to law. Topics include the nature of law, law and morality, legal responsibility and legal excuses, civil disobedience, the justification of criminal punishment and the discussion of cases in relation to principles. Identical to HUM 366.

LGS 405 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 primarily examines the leading United States Supreme Court cases in the area. Identical to HIS 405. Prerequisite: LGS 302.


LGS 430 Legal Research/Writing and Mock Trial/6 sem. hrs. An integrated approach to the fundamentals of legal research and writing, trial advocacy, and basic evidentiary concepts. Each student is required to research and prepare written and oral arguments and prepare and try a mock trial. Prerequisite: LGS 201.

LGS 440 Special Topics in Legal Studies/3 sem. hrs. Option I Senior Research Project. Seniors in the major will be required to select a topic in Legal Studies and prepare a term paper. This option requires an additionals LGS/HUM/LAC/HIS course to complete the Senior Project requirement.

LGS 441 International Law/3 sem. hrs. 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. Identical to HIS 441. Prerequisites: HUM 321 and LGS 240, 302.

LGS 445 Capstone Course in Legal Studies/3 sem. hrs. Option II Senior Research Project. Drawing together diverse themes from legal studies, this seminar will focus on important links within the traid of law, morals, and public policy. This option requires an additional LGS/HUM/LAC/HIS course to complete the Senior Project requirement.

LGS 491 Advanced Special Topics in Constitutional History/3 sem. hrs. The course will examine the historical, philosophical, and legal underpinnings of two areas of Constitutional law, due process in the coerced confessions area and the privilege against self-incrimination in the Fifth Amendment area.

LIFE SCIENCES (LSC)

LSC 104 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, nuclear power, food supplies, pesticides, and pollution are covered. Identical to PHY 204.

LSC 105 Concepts in Biology/3 sem. hrs. (LSC 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 non-science students.

LSC 150 Introduction to Biological Sciences/3 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 of organ systems, and population dynamics - all arranged around evolution as a major theme. Includes laboratory sessions.

LSC 164 Current Perspectives in Substance Abuse/3 sem. hrs. (LSC 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. Identical to PSY 164. (Students may not receive credit for this course and for LSC/PSY 165.)

LSC 165 Substance Abuse & Athletics/3 sem. hrs. (LSC 365) Covers the major drugs of abuse and the potential health risks associated with these. Covers psychoactive drugs (including alcohol), steroids, blood doping, and nutritional supplements. Identical to PSY 165. (Students may not receive credit for this course and for LSC/PSY 164.)

LSC 211 Human Sexuality/3 sem. hrs. (BES 350, PSY 413) Anatomy and physiology of the human sexual system, human sexual response, the range of sexual behaviors, and sources of attitudes and beliefs about sexuality. Identical to PSY 211.

LSC 220 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.

LSC 222 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, seagrass meadows, coral reefs and the Gulf Stream. Field trips to various South Florida marine habitats will round out the course experience.

LSC 230 Animal Structure and Function I/Lab/4 sem. hrs. Basic invertebrate zoology including introductory anatomy, physiology, phylogeny, and ecology of major animal phyla from protozoans through echinoderms with emphasis on marine organisms. First half of Animal Structure and Function Continuum. Includes laboratory sessions.


LSC 301 Anatomy and Physiology of the Vocal Mechanism/3 sem. hrs. Introduction to the anatomy, physiology, and neurophysiology of the vocal mechanism.
MGT 388 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: MGT 377.

MGT 401 Health Care Organization and Administration/3 sem. hrs. (HCS 401) 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.

MGT 402 Legal Aspects of Health Care Administration/3 sem. hrs. (HCS 402) 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.

MGT 415 Legal Environment of Management/3 sem. hrs. A macro course emphasizing public law and regulation of business. Examines relationships such as employer-employee, labor-management, debtor-creditor, and buyer-seller.

MGT 425 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; labor relations; and negotiations. Prerequisites: MGT 315, 317.

MGT 445 Labor Relations/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: MGT 315.

MGT 490 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 111. Identical to BUS 302.

MKT 391 Employment Law/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: MKT 101.

MKT 398 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.

MKT 401 Introduction to Marketing/3 sem. hrs. An overview of the field with special attention to formulating an effective marketing mix. Topics include estimation of demand, adaptation of products to markets, consumer behavior, selection of channels of distribution and development of effective promotional and pricing strategies. Students may not receive credit for this course and MKT 391.

MKT 411 Marketing Theory and Practice/3 sem. hrs. Emphasizes the forces that shape the marketing environment. Topics include selection, training, compensation, motivation, and evaluation of sales personnel. Various sales strategies appropriate to different markets are covered. Prerequisite: MKT 101.

MKT 412 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. Prerequisite: MKT 101.

MKT 412 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, export/import management. Prerequisites: BUS 255, MKT 101.

MKT 431 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: MKT 317, MKT 101.

MKT 445 Export/Import Marketing/3 sem. hrs. (MKT 355) 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: MKT 255.

MKT 471 Marketing Strategy/3 sem. hrs. (MKT 451, 452, 453, 481) 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, promotion, and physical distribution strategies. Prerequisites: MKT 301, 321.

MKT 491-498 Advanced Special Topics/3 sem. hrs. (MKT 331) 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.

MAT 105 College Algebra/3 sem. hrs. Includes topics such as fundamental operations, functions and graphs, linear and quadratic equations, and conic sections. Prerequisite: Placement examination requirements satisfied or MAT 102.

MAT 109 Basic Algebra/3 sem. hrs. A basic review of algebra including algebraic terminology, polynomials and applications. Appropriate for non-math and non-science majors. Prerequisite: Placement examination requirements satisfied or recommendation by instructor.

MAT 110 College Mathematics I/3 sem. hrs. An introduction to finite mathematics including the real number system, algebra, geometry, sets, logic, probability and statistics. (Students may not receive credit for this course and MAT 133) Prerequisite: Placement examination requirements satisfied or MAT 109.

MAT 115 College Mathematics II/3 sem. hrs. A thorough presentation of algebra including functions and graphs, linear and quadratic equations and systems of linear equations. (Students may not receive credit for this course and MAT 105.) Prerequisite: Placement examination requirements satisfied or MAT 110.

MAT 120 Precalculus I/3 sem. hrs. This is the first course in a two course sequence designed for the student who has a strong high school mathematics background. Students will study: Fundamental concepts of Algebra, Equations and Inequalities, Functions and Graphs, and Polynomial, Rational, Exponential and Logarithmic Functions. Instruction in the computer lab will be internal to the program. Prerequisite: Placement examination requirements satisfied.

MAT 125 Precalculus II/3 sem. hrs. This is the second course in the two course sequence designed for the student who has a strong high school mathematics background. Students will study: Trigonometric Functions, Analytic Trigonometry, Applications of Trigonometry, Systems of Equations and Inequalities, and Sequences and Series. Instruction in the computer lab will be internal. Prerequisite: Placement examination requirements satisfied.

MAT 133 Mathematical Way of Thinking/3 sem. hrs. (COR 133, 1018) An introduction to sets, logic, number systems, algebra, consumer math, geometry, and probability and statistics. Appropriate for non-math and non-science majors. Prerequisite: Placement examination requirement satisfied or MAT 102.

MAT 143 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 geometries will be left as an option (directed study) to the interested individual student.

MAT 150 Precalculus/3 sem. hrs. Review of algebra, trigonometric functions, graphs of functions, logarithms, exponents, functions of the natural number. Introduction to calculus, concept of limits, integrals. Prerequisite: Placement examination requirements satisfied or MAT 105.

MAT 206 Modern Algebra/3 sem. hrs. Designed primarily for secondary math education majors. Contains introductory topics from algebra (group theory, cyclic groups, permutation groups, subgroups, homomorphism theorems) and Linear algebra (systems of equations, matrices, determinants and vector spaces). Prerequisite: MAT 120 and 125.

MAT 216 Calculus I/3 sem. hrs. Antiderivatives, the definite integral, the Fundamental Theorem of Calculus, applications of the integral, transcendental functions, techniques of integration, indeterminate forms and improper integrals. Prerequisite: MAT 209.

MAT 230 Calculus III/3 sem. hrs. (MATH 230) 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: MAT 133 or higher and mathematics competency examination requirement satisfied.

MAT 240 Calculus IV/3 sem. hrs. (MATH 240) Functions, limits, derivatives of algebraic functions. Introduction to derivatives of trigonometric functions, logarithmic functions, application of derivatives to physics problems, related rates and maximum/minimum problems, definite and indefinite integrals with applications. Prerequisite: MAT 150.

MAT 250 Calculus V/3 sem. hrs. (MATH 250) Riemann sums, the definite integral, methods of integration, continuation of exponential, logarithmic functions, inverse trigonometric functions. L'Hopital's rule and improper integrals. Prerequisite: MAT 210.

MAT 303 Applied Statistics/1 sem. hrs. Introductory aspects of inferential statistics and experimental design are covered. Course material includes: hypo-thesis testing and estimation, analysis of variance, multiple comparison procedures, linear and multiple correlation and regression methods, chi-square tests, non-parametric techniques, elementary design of experiments. Stress will be placed on interpreting studies which employ these techniques. Prerequisite: MAT 302.

MAT 305 Calculus IV/3 sem. hrs. (MATH 305) Sequences and series. Taylor series, vector analysis, functions of several variables, partial derivatives, total differential chain rule, multiple integral and application functions of a complex variable. Prerequisite: MAT 220.

MATH 342 Advanced Calculus/3 sem. hrs. Infinite series and sequences, uniform convergence, vector functions of several variables, the Jacobian matrix, inverse function theorem, the Laplaceian in cylindrical and spherical coordinates. Lagrange multipliers. Vector differential and integral calculus including Green's Stokes and Gauss' theorem. The change of variable in multiple integrals. Prerequisite: MATH 305.

MATH 420 Linear Algebra/3 sem. hrs. Matrices and systems of linear equations, vector spaces. Linear transformations, determinants, eigenvalues and eigen-vectors, canonical forms, inner product spaces. Prerequisite: MATH 310.

MATH 440 Numerical Analysis/3 sem. hrs. (MAT 450) Solution of algebraic and transcendental equations by a number of iterative methods, discussion of convergence considerations, probability and statistical theory. Numerical integration of a number of types of problems will be discussed both in theory and in practice through the use of computer programming. Prerequisite: MATH 220 and PHYS 240, 250; CCS 210 or CCS 330.


OCEANOGRAPHY (OCE)

OCE 250 Introductory Oceanography/3 sem. hrs. (OCE 350) Study of the physical & life sciences as they apply to the ocean. Oceanographic sampling, laboratory analysis techniques are covered.

OCE 400 Oceanography Seminar I/1 sem. hr. Participation in the science seminar series at the Nova Oceanographic Center. Intended for ocean studies majors during the last quarter of their sophomore year.

OCE 401 Oceanography Seminar II/1 sem. hr. Participation in the science seminar series at the Nova Oceanographic Center. Students present a 15-20 minute seminar on their research proposal. Intended for last quarter of junior year. Prerequisite: OCE 400.

OCE 402 Oceanography Seminar III/1 sem. hr. Participation in the science seminar series at the Nova Oceanographic Center. Students present a 15-20 minute seminar on their research. Intended for the last quarter of the senior year. Prerequisite: OCE 401.

OCE 450 Directed Research Project I/2 sem. hrs. Initiation of laboratory or field research in marine biology/ecology in consultation with an advisor.

OCE 451 Directed Research Project II/2 sem. hrs. Continuation of laboratory or field research in marine biology/ecology. Prerequisite: OCE 450.

OCE 452 Directed Research Project III/2 sem. hrs. Completion of laboratory or field research in marine biology/ecology. Cumulating with a thesis. Prerequisite: OCE 450.

PERSONAL GROWTH AND DEVELOPMENT (PGD)

PGD 101 Personal Adjustment/3 sem. hrs. This course focuses upon personal growth and development. Various means of acquiring self-understanding are explored, as are a number of important life-management and interpersonal skills.

PHYSICAL SCIENCES (PHY, PHYS)

PHY 102 Concepts in Physical Science/3 sem. hrs. (COR 131, SCI 2018) Interactions of the geosphere-hydrosphere-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: MAT 102

PHY 103 Introduction to Geology/3 sem. hrs. An introductory course that will provide an understanding of the earth's composition and structure, an explanation of the processes that affect the earth and the resulting features, a description of the physical evolution of the major mountains and oceans, a description of biological evolution in relation to ancient geologic environments, and an analysis of earth's resources and implications for the future.

PHY 104 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, nuclear power, food supplies, pesticides, and pollution are covered. Prerequisite: PHY 104.

PHY 105 Introduction to Chemistry/3 sem. hrs. Nonlaboratory course that presents an introduction to the fundamental principles of chemistry. A study of the structure of matter and the transformation it undergoes.

PHY 106 Introduction to Oceanography/3 sem. hrs. Examination of the physical, chemical, biological, and geological properties of the world ocean will be conducted. The interdisciplinarian approach will introduce concepts important in understanding the development and current status of oceanographic research for the nonscience major.

PHY 205 Physical Geography/Lab/4 sem. hrs. Study of the earth, its materials, surface, & interior features & processes of formation and change. Includes laboratory sessions.

PHY 215 Historical Geography/Lab/4 sem. hrs. Study of the earth's history through geological time; major geologic periods, formations and evolution as evidenced through the fossil record.

PHY 220 Introduction to Astronomy/3 sem. hrs. An introduction to astronomy that examines in brief both the solar system and the universe. Topics include: fundamentals and history of astronomy, study of the earth, moon, planets, and optical instruments used in astronomy. In addition, the sun, stars, galaxies, and cosmology are examined.

PHY 226 Conservation of Natural Resources/3 sem. hrs. Study of 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. Identical to GEO 226.

PHY 230 General Chemistry I/4 sem. hrs. Basic chemical calculations, periodicity, bonding, inorganic reactions, kinetics. First half of General Chemistry Continuum. Includes laboratory sessions.

PHY 231 General Chemistry II/4 sem. hrs. Continuation of General Chemistry Continuum including thermodynamics, acid-base reactions, electrochemistry, and nuclear chemistry. Includes laboratory sessions. Prerequisite: PHY 230.

PHY 235 Applied Physics I/4 sem. hrs. First of a two-part series covering mechanics, thermodynamics, vibrations and waves. Includes laboratory sessions. Prerequisite: MAT 150 or precalculus equivalent.
PHYS 256 Applied Physics II/4 sem. hrs. Second of a two-part series covering electricity and magnetism, optics and modern physics. Includes laboratory sessions. Prerequisites: PHYS 235, MAT 150 or precalculus equivalent.

PHYS 291-299 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 is announced in the course schedule for a given term. Students may re-enroll for Special Topics covering differing content.

PHYS 301 Acoustics of Speech and Hearing/3 sem. hrs. Introduction to the physics of sound and phonetics as related to speech communication.

PHYS 325 Bio-organic Chemistry/4 sem. hrs. Introduction to the structure, properties and reactions of the major organic chemical groups with emphasis on those important in biochemical processes, biological macromolecules, and the basics of carbohydrate, lipid and protein metabolism. Includes laboratory sessions. Prerequisite: PHYS 231.

PHYS 240 Physics I/3 sem. hrs. Basic principles of mechanics including vectors, force, equilibrium, displacement, velocity, acceleration, mass. Newton’s Laws, work energy, gravitation, momentum, rotational motion, mechanics of systems of particles & rigid bodies. Prerequisite: MATH 220.

PHYS 250 Physics II/3 sem. hrs. Electrostatics, electric currents, electric fields and electric potential, AC and DC circuits, magnetic fields, capacitance, inductance, and electromagnetic waves. Prerequisites: MATH 220, PHYS 240.

POLITICS AND PUBLIC AFFAIRS (POL)

POL 101 American Government and Politics/3 sem. hrs. (HUM 2700) 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.

POL 201 Comparative Government/3 sem. hrs. Major foreign political systems including political forces, parties, ideologies and institutions. Attention will also be given to the characteristics & development of statehood and power, conditions of stability, constitutions, and the comparative political processes.

POL 291-299 Special Topics/3 sem. hrs. Topics in politics & public affairs that are not included in regular course offerings & 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 differing content.

POL 331 The Theory and Practice of International Relations/3 sem. hrs. An examination of practical and theoretical dimensions of contemporary thinking about the international system and some of its problems. Identical to RIS 331.

POL 332 The Political Economy of Development/3 sem. hrs. An analysis of political economic systems to determine why growth has meant luxuries for some while others go hungry. The study of man as a social being whose production and distribution of economic goods must be consistent with congruent institutions of family, political, and cultural life, if society is to be liveable in the future. Identical to RIS 332.

POL 333 History of Political Thought I/3 sem. hrs. (POL 319, 330, 401) A study of the classic works of political philosophy from the ancients through the early modern period (eg., Plato, Aristotle, Machiavelli, Hobbes) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HIS 333, HUM 333 and LGS 333.

POL 334 History of Political Thought II/3 sem. hrs. A study of the classic works of political philosophy from the early modern period through the present (eg., Locke, Rousseau, Mill, Marx, Dewey) with special attention being paid to the social, political and economic environments from which these works emerged. Identical to HIS 334, HUM 334 and LGS 334.

POL 460 Studies in Revolution/3 sem. hrs. (SS 460) The major forces which have shaped revolutionary impulse in the 18th through the 20th century. Emphasis upon the great revolutions: American, French, Russian, and Chinese - the back-ground, underlying reasons, ideals, patterns of their growth & their effects upon course of history. Identical to HIS 460.

POL 2900-3000 Special Topics in Political Science (POL 491-499) 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 (PSY)

PSY 102 Introduction to Psychology/3 sem. hrs. (BES 1018, COR 111, PSY 101, 111, 201) An introduction to theory, research, & applications in the field of psychology. Topics include biological bases of behavior, perception, motivation, learning and memory, psychological development, personality, social psychology, & the identification and treatment of mental illness.


PSY 280 Introductory Practice/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: PSY 102 and prior written approval by the Division Director.

PSY 291-299 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 re-enroll for Special Topics covering different content.

PSY 300 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: LAN 112, MAT 302, PSY 102.

PSY 303 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: PSY 102.

PSY 308 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.

PSY 311 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, assertiveness and leadership. Experiential learning included.

PSY 316 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: PSY 102.


PSY 326 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: PSY 102.

PSY 330 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: PSY 102.

PSY 336 Psychology of Women/3 sem. hrs. Emphasis will be on the psychological and social factors influencing women's development and behavior. Women's identity, gender-related roles, cognitive styles, value systems, and relationship patterns will be explored. Identical to WMS 336.

PSY 345 Interviewing/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. Prerequisite: PSY 102.

PSY 350 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: PSY 102.


PSY 354 Substance Abuse: Historical and Legal Perspectives/3 sem. hrs. The role of alcohol and other drugs in American society today. Includes a historical overview of psychoactive drug use and abuse, the classification of drugs currently in use, and legal issues related to substance abuse. Identical to SOC 354.

PSY 355 Substance Abuse and the Family/3 sem. hrs. Family problems related to the abuse of alcohol and other psychoactive drugs. An examination of the changes in family functioning that accompany chemical dependency. Attention given to the concept of substance abuse as a family illness and the role of family members in the recovery process. Identical to SOC 355.

PSY 356 Substance Abuse in Business and Industry/3 sem. hrs. Scope and cost of alcohol and other drug-related problems in American 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 MGT 356.

PSY 357 The Psychology of Substance Abuse/3 sem. hrs. The pharmacology & physiology of alcohol & drug use and the psychological effects of psychoactive drugs. The nature of addiction and the disease concept, diagnostic criteria for chemical dependency, and the physical and psychiatric disorders related to substance abuse. Identical to LSC 357.

PSY 358 Rehabilitation Strategies for Substance Abuse/3 sem. hrs. Focuses 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 for such treatment. Covers the stages of recovery from chemical dependency, evaluation and treatment planning, and the application of specific treatment techniques.

PSY 359 Self-Help Groups/3 sem. hrs. Examines the history and scope of the self-help group movement in the U.S. and the role of these groups in helping people deal with life problems. Covers the structure, traditions and program of Alcoholics Anonymous as well as the utilization of AA and other groups as a resource for substance abuse rehabilitation.

PSY 362 Drug Prevention & Education/3 sem. hrs. This course covers the classification and identification of drugs, as well as the behavioral criteria for recognizing alcohol and drug abuse. Specific attention is paid to prevention, education, and intervention strategies within the home, the school, and the community. Methods for evaluating the effectiveness of these strategies are also examined. Identical to EDU 362.
PSY 371 History and Theories of Psychology/3 sem. hrs. (PSY 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: PSY 102.


PSY 410 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. Experimental learning included. Prerequisite: Completion of Substance Abuse specialty & written approval by Division Director.

PSY 415 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. Prerequisite: Completion of Substance Abuse specialty & written approval by Division Director.

PSY 460 Biological Bases of Behavior/3 sem. hrs. (PSY/LSC 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: LSC 102 or 105, PSY 102. Identical to LSC 460.

PSY 480 Practicum in Psychological Research/1-6 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: PSY 300 and prior written approval by the Division Director.

PSY 481 Practicum in Community Psychology/1-6 sem. hrs. Experience in applying psychology in the community through placement in a human services agency. Report required. Supervision on-site and by the Academic Division. Prerequisites: PSY 311, 350 and prior written approval by the Division Director.

PSY 491-498 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 re-enroll for Special Topics covering different content.

PSY 499 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: PSY 300 and written consent of Instructor and Division Director.

SECONDARY EDUCATION (SEC)

SEC 311 Teaching Social Studies in Middle & 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.

SEC 312 Teaching Science in Middle & 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.

SEC 313 Teaching Music in Middle & 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.

SEC 314 Teaching Art in Middle & 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.
SPEECH AND LANGUAGE PATHOLOGY (SLP)

SLP 450 Speech and Language Development/3 sem. hrs. Study of prelinguistic, linguistic, and psycholinguistic variables related to normal development from infancy through adolescence. Application of analytic methods to developmental and cultural variations in speech and language.

SPEECH AND LANGUAGE PATHOLOGY (SLP)

SLP 460 Linguistics/3 sem. hrs. Historical, descriptive, sociolinguistic components of language.

SPEECH AND LANGUAGE PATHOLOGY (SLP)

SLP 470 Directed Observation/3 sem. hrs. Students must observe 25 clock hours of evaluation and management. Observation hours must precede clinical assignments and be completed under the direct supervision of a supervisor in the Communication Disorders Center.

SOCIOLOGY (SOC)

* SOC 112 Human Origins & Diversity/3 sem. hrs. (BES 208, COR 112, SOC 211) Anthropology is the integrative, holistic study of all aspects of human cultural life. This course explores the diversity of cultures throughout the world and within the United States.

SOCIOLOGY (SOC)

SOC 202 Introduction to Sociology/3 sem. hrs. (BES 208, SOC 101, 201) 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.

SOCIOLOGY (SOC)

SOC 213 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 PSY 213.

SOCIOLOGY (SOC)

SOC 222 Folklore/3 sem. hrs. This is the study of traditional culture, or knowledge which is learned informally within groups and communities. Folklore forms such as folk tales, myths, legends, ballads, customs, crafts, architecture, and food-ways provide examples of how traditional culture functions in the lives of individuals and their communities. Identical to HUM 221.

SOCIOLOGY (SOC)

SOC 223 The Modern City/3 sem. hrs. Origins of the city. Cities as physical, social, and economic systems. Comparative studies of cities. Identical to GEO 222.

SOCIOLOGY (SOC)

SOC 231 Contemporary Life Styles/3 sem. hrs. (SOC 331) The emergence of alternative lifestyles in American culture. Contemporary patterns of marriage, the family, and single life. Family disorganization and divorce.

SOCIOLOGY (SOC)

SOC 291-299 Special Topics/3 sem. hrs. Topics in sociology 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.

SOCIOLOGY (SOC)

SOC 302 Community Services Systems/3 sem. hrs. (HCS 362) 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.

SOCIOLOGY (SOC)

SOC 303 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.

SOCIOLOGY (SOC)

SOC 311 Women and Society: Cross Cultural Perspectives/3 sem. hrs. A study to explore definitions of masculine and feminine in a cross-cultural context, with an emphasis on the ways in which anthropology and science have begun to revise traditional concepts of sex roles and behavior. Identical to WMS 311.

SOCIOLOGY (SOC)

SOC 354 Substance Abuse: Historical and Legal Perspectives/3 sem. hrs. The role of alcohol and other drugs in American society today. Includes a historical overview of psychoactive drug use and abuse, the classification of drugs currently in use, and legal issues related to substance abuse. Identical to PSY 354.

SOCIOLOGY (SOC)

SOC 355 Substance Abuse and the Family/3 sem. hrs. Family problems related to the abuse of alcohol and other psychoactive drugs. An examination of the changes in family functioning that accompany chemical dependency. Attention given to the concept of substance abuse as a family illness and the role of family members in the recovery process. Identical to PSY 355.

SOCIOLOGY (SOC)

SOC 430 Juvenile Crime and Justice/3 sem. hrs. Advanced study of special characteristics and causes of juvenile crime. Principles and practices for its prevention and control. The administration of juvenile justice. Prerequisite: SOC 202. Identical to CRJ 430.

SOCIOLOGY (SOC)

SOC 485-488 Field Study/3-12 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 for Field Study experiences covering different topics and cultures.

SOCIOLOGY (SOC)

SOC 491-498 Advanced Special Topics/3 sem. hrs. Advanced topics in sociology 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.
TELECOMMUNICATIONS
(CSTC)

CSTC 200 Mathematical Foundations of Telecommunications/3 sem. hrs. Development of techniques applied to telecommunication systems for solution of problems solved by queuing theory, information theory, operations research, statistics, and topology. Prerequisites: MAT 158, MAT 382.

CSTC 205 Electronics for Telecommunications/3 sem. hrs. (TC 205) An introduction to electronic systems for communications including signaling, modulation, demodulation, data transmission, switching, satellites, optical systems, test equipment, error control. Prerequisites: CSTC 200 and CSEE 305.

CSTC 300 Telecommunications Network Planning and Operations/3 sem. hrs. (TC 300) Development of techniques applied to telecommunication systems for the planning and operation of telecommunications networks. Prerequisites: CCS 345, CSTC 200 and CSTC 205.

CSTC 305 Telecommunications Software and Protocols/3 sem. hrs. (TC 305) Development of protocols by example for software support of telecommunications systems. Prerequisites: CCS 345 and CSTC 200.

CSTC 400 Telecommunications Economics and Policy/3 sem. hrs. (TC 400) Development of the economic & regulatory environment of modern telecommunications systems and the effects on planning, cost, and operations. Prerequisites: CCS 345 and CSTC 200.

WOMEN'S STUDIES (WMS)

WMS 260 Women and Law/3 sem. hrs. This course examines sex-based discrimination in American society. It includes a historical/sociological analysis of the evolution of laws affecting women in employment, education, health and welfare, property ownership, and criminal justice. It also investigates public policy issues that affect women's lives. The course focuses on the role of the law to promote or hinder constructive social change. Identical to LGS 260.

WMS 305 Feminist Theory/3 sem. hrs. This course will study assumptions relative to gender issues: how we bring certain assumptions to our reading of texts and in what ways we are influenced by them. This course will also address how gender-related assumptions shape the fields and professions of modern American Society. Identical to HUM 305.

WMS 302 Women's Study Practicum/DirectEd Project/3 sem. hrs. Experience working in a student's major area or other area of interest that addresses or concerns itself with issues related to women. Identical to HUM 302.

WMS 306 Women and Literature/3 sem. hrs. This course will study assumptions relative to gender issues: how we bring certain assumptions to our reading of texts and in what ways we are influenced by them. This course will also address how gender-related assumptions shape the fields and professions of modern American Society.

WMS 311 Women and Society: Cross Cultural Perspectives/3 sem. hrs. A study to explore definitions of masculine and feminine in a cross-cultural context, with an emphasis on the ways in which anthropology and science have begun to revise traditional concepts of sex roles and behavior. Identical to SOC 311.

WMS 324 Women and Business/3 sem. hrs. A study to examine various obstacles faced by women in the business community and explore techniques used by successful female corporate executives and entrepreneurs to overcome these obstacles. Identical to BUS 324.

WMS 336 Psychology of Women/3 sem. hrs. Emphasis will be on the psychological and social factors influencing women's development and behavior. Women's identity, gender-related roles, cognitive styles, value systems, and relationship patterns will be explored. Identical to PSY 336.

WMS 340 Women in the Arts and Humanities/3 sem. hrs. A study of the particular contributions of women in the humanities, including art, literature, music, theatre, film, and dance. Identical to HUM 490.

WMS 402 Women and Political Theory/3 sem. hrs. Through a study of theories of social change, this course will examine women's role in liberation movements in the third world. It will also explore what a "feminist consciousness" can contribute to political movements in our society. Identical to HUM 402.

WMS 405 Women and Science/3 sem. hrs. This course will look at issues in the literature of science concerning women, including the underrepresentation of women in the scientific profession, and the possibility of "male bias" in the procedures of science itself. Identical to HUM 405.

WMS 419 Women and Aging/3 sem. hrs. This course will explore the major issues confronting women as they grow older in our society. Specific focus will be directed toward biological, social, psychological, political and economic changes which impact the mid-life and older woman.

* Courses fulfilling the Gordon Rule are marked with an asterisk.
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ABOUT NOVA UNIVERSITY

Nova University was chartered by the State of Florida in 1964. Numerous graduate programs offer master's, educational specialist, doctoral degrees, and postgraduate education. The College for Career Development and Nova College offer undergraduate education, and the University School, a demonstration school, serves children from early childhood through high school. In addition, nondegree, continuing education, and certificate programs are available.

From the beginning, the University has distinguished itself by its innovative outlook, its unique programs that provide both traditional and nontraditional choices in educational programs, and its research in many fields aimed at solving the problems of immediate concern to mankind.

The Nova University campus is located on a 200-acre site west of Fort Lauderdale, Florida, at 3301 College Avenue in the town of Davie.
Nova University Degree Offerings

DOCTORAL AND PROFESSIONAL DEGREES

Doctor of Business Administration in:
  Business Administration (D.B.A.)
  International Management (D.B.A.-I.M.)

Doctor of Education (Ed.D.) in:
  Child and Youth Studies
  Computer Education
  Early and Middle Childhood
  Higher Education
  Leadership in Adult Education
  Educational Leadership
  Vocational, Technical, Occupational Educational

Doctor of Science (Sc.D.) in:
  Computer Science
  Information Science
  Information Systems
  Training and Learning

Juris Doctor (J.D.) in:
  Law

Doctor of Philosophy (Ph.D.) in:
  Clinical Psychology
  Family Therapy
  Oceanography

Doctor of Psychology (Psy.D.) in:
  Clinical Psychology

Doctor of Public Administration (D.P.A.) in:
  Public Administration

SPECIALIST DEGREES

Educational Specialist (Ed.S.) in:
  Education (20 majors)

MASTER'S DEGREES

Master of Accounting (M.Ac.) in:
  Accounting

Executive Master of Business Administration in Banking (M.B.A.-Ex.) in:
  Business Administration

Master of Business Administration (M.B.A.) in:
  Business Administration

Master of International Business Administration (M.I.B.A.) in:
  International Business Administration

Master of Public Administration (M.P.A.) in:
  Public Administration

Master of Science (M.S.) in:
  Child and Youth Care Administration
  Coastal Zone Management
  Computer-Based Learning
  Computer Science
  Counseling Psychology
  Criminal Justice
  Education (20 majors)
  Family Therapy
  Family Support Studies
  Gerontology
  Health Services Administration
  Human Resource Management
  Human Services
  Marine Biology
  School Guidance
  Speech and Language Pathology
The provisions set forth in this catalog are not to be regarded as an irrevocable contract between the student and Nova University. The regulations and requirements herein, including tuition and fees, are necessarily subject to change 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 the discovery of the fraud, and the student is not entitled to any credit for work which he 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 University will be considered receivable and will be collected.

A transcript of a student's academic record cannot be released until all his/her accounts, academic and non-academic, are paid.

Any Nova University student has the right to inspect and review his/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 seek 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 also has the right to petition Nova University to amend or correct any part of his/her educational record which he/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 Registrar, Nova University, Parker Building, 3301 College Avenue, Fort Lauderdale, Florida, 33314. A schedule of fees and a listing of types and locations of educational records is contained in this policy.

Nova University does not discriminate on the basis of handicap, sex, race, religion, 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 assure compliance with the provisions of applicable laws and regulations relative to nondiscrimination. Nova University programs are approved for the training of veterans and other eligible persons by the Bureau of State Approval for Veteran's Training, State of Florida Department of Veteran's Affairs.

The school is authorized under Federal Law to enroll nonimmigrant alien students

The Nova University general policies on Student Relations are on file in the office of the Registrar.
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