

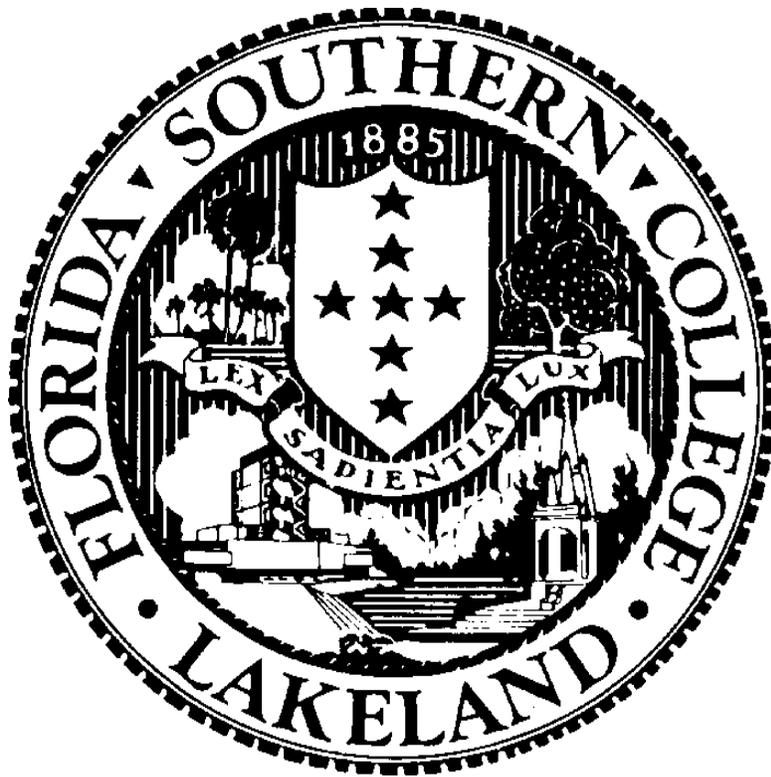
“Florida Southern is a small college with strong professional programs and a quality liberal arts core. Our purpose is to enlighten, empower and inspire you...to be a place where you can expect to achieve your best!”

***- Thomas L. Reuschling
President***

Florida Southern College

CATALOG

2000-2001



**COMMUNICATION WITH
FLORIDA SOUTHERN COLLEGE
111 Lake Hollingsworth Drive
Lakeland, Florida 33801-5698**

Specific inquiries may be made to the following:

Admissions: All Programs and Sessions	(863) 680-4131
Academic Matters	(863) 680-4124
Administrative Matters	(863) 680-4100
Student Financial Aid	(863) 680-4140
Business and Financial Matters	(863) 680-4148
Transcripts and Academic Records	(863) 680-4127
Student Life and Housing	(863) 680-4209

The College Telephone Number is (863) 680-4111

Lakeland is located in Central Florida on Interstate 4 and U.S. 92 and 98. Amtrak rail service and Greyhound and Trailways bus lines serve the city. Tampa International Airport is forty-five minutes and Orlando International Airport is an hour from the campus by car; limousine service is also available from both airports.

PERSONS WITH DISABILITIES ... Florida Southern College adheres to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA) in prohibiting the discrimination against any qualified person with a disability. Although the College does not have a special program for learning disabled students, appropriate case-by-case accommodations such as extended time for tests is made for students with documentation of a disability. In no case, however, will the College modify essential requirements of any course or degree program.

AFFIRMATIVE ACTION ... Florida Southern College is in compliance with Title IX of the Educational Act of 1972 and is committed to non-discrimination based on race, creed, color, gender, religion, age, disability, sexual orientation, and national origin. The College believes in equal opportunity practices which conform to both the spirit and the letter of all laws against discrimination.

In regard to academic information, this edition of the Florida Southern College Catalog supercedes all others.

The Faculty and Trustees of Florida Southern College reserve the right to change, modify, revoke, or add to the College's academic, financial, or student requirements or regulations at any time and without prior notice. All such changes are effective at such times as the proper authorities determine and may apply not only to prospective students but also to those who already are enrolled in the College. Provisions of this Catalog do not constitute an irrevocable contract between any student and the College.

PURPOSE AND EDUCATIONAL OBJECTIVES ... A United Methodist college with a strong liberal arts core, Florida Southern seeks to provide superior value-based educational opportunities for traditional residential and commuter students through its day program and for nontraditional students through its evening, mature-learners and graduate programs. In carrying out this mission, the College endeavors to stimulate disciplined thinking and the love of learning, reflect Judeo-Christian values and ideals, cultivate the development of the whole person, promote an atmosphere of international and intercultural understanding, encourage responsible citizenship, and prepare students for meaningful lives and vocations.

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ACCREDITATION

Florida Southern College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097) to award bachelor's and master's degrees. It is also accredited by the University Senate of The United Methodist Church and has a State of Florida approved program for the certification of teachers.

BRIEF HISTORY

Florida Southern--the oldest private college in Florida--has been affiliated with the Methodist Church since it started in 1883 in Orlando as South Florida Institute. Soon afterward, SFI moved to Leesburg under the sponsorship of the Methodist Episcopal Church South.

A college curriculum was added in 1885, and the College was open to both male and female students, highly unusual in that era. In 1901, the growing college moved to Sutherland (now Palm Harbor) on the Gulf Coast and in 1906 was renamed Southern College. The College remained at Sutherland until fires in the early 1920's forced the school temporarily to Clearwater Beach. Then in 1922, the College moved from Clearwater Beach to the shores of Lake Hollingsworth in Lakeland. In 1935 the Trustees adopted Florida Southern College as the corporate title.

For well over 100 years, Florida United Methodists have assisted enthusiastically in supporting Florida Southern as well as other educational institutions.

TODAY'S CAMPUS

The present campus has some 50 buildings on 100 acres of land. The highlights of the campus are the twelve structures designed by the master architect, Frank Lloyd Wright; in the 1940's and 1950's Mr. Wright said his design was to have all the buildings "flow from the ground in harmony with the natural landscape."

In that functional, yet exquisite, environment they exhibit the traits that Mr. Wright intended: organic union among the earth, sunlight, and local flora. The Wright buildings include the Annie Pfeiffer Chapel--which has become the 'trade mark' of Florida Southern; the Thad Buckner Administration Building; the Emile Watson Administration Building; the Benjamin Fine Administration Building; the Seminar Building (which in its original construction was comprised of three separate buildings known as the Carter, Walbridge, and Hawkins Seminar Rooms); the Lucius Pond Ordway Building; the Danforth Chapel; and the Polk County Science Building capped by the white-domed planetarium. The ten Wright buildings are complemented by two other significant Frank Lloyd Wright-designed structures: the Wall Plaza and Water Dome and the esplanades which connect most of the Wright buildings.

The twelve Frank Lloyd Wright structures make up the largest Frank Lloyd Wright collection in the world. The group--as a whole--has been admitted to the National Register of Historic Places, allowing Florida Southern to preserve forever what Mr. Wright described as "the first uniquely American campus."

The more traditional buildings include Allan Spivey and Joseph Reynolds residence halls for freshman women, and Edge Memorial Hall, housing classrooms and offices for the Religion-Philosophy and Education Departments. These date back to the 1920's and are in conventional, brick college style. The newer buildings on campus include the Roux Library;



Frank Lloyd Wright

the John Branscomb Memorial Auditorium, seating over 1800; the Ludd M. Spivey Humanities and Fine Arts Center with the 356-seat, thrust-stage Buckner Theatre as well as art and music studios; the William F. Chatlos Journalism Building equipped with broadcasting and computer facilities; the Carlisle Rogers Business and Economics Building; and the Jack M. Berry Citrus Building.

The Roux Library is an integral part of the intellectual life of the College and seeks to educate students in developing lifelong, critical information-seeking skills. The Library's resources include 164,000 volumes, 700 periodical subscriptions, a video cassette collection, CD-ROM collection, CD collection and a substantial microforms collection. The physical resources are complemented by access to several major electronic databases and to the resources of other libraries through interlibrary loan, and there is seating available for 350 students.

A new addition to the campus is the Robert A. Davis Performing Arts Center. The Polk Science Building is undergoing major renovations and at the Planetarium a new Spitz instrument will brighten the skies for FSC students.

Student housing facilities, including Hollis Hall, the Charles Jenkins Residence Hall, the Dell Residence Hall, and the new Publix Charities Commons, allow for a population of approximately 1,500 students in residence.

In addition, students use the Herbert E. Wolfe Cafeteria Building, the Charles T. Thrift Alumni Student Center, the Nina B. Hollis Wellness Center and the Jackson Religion Building. The George Jenkins Field House seats approximately 2,800 and athletic fields and orange groves span the campus.

MEMBERSHIPS

Florida Southern is a member of the American Council on Education, the National Association of Schools and Colleges of the United Methodist Church, the National Association of Independent Colleges and Universities, the Florida Association of Colleges and Universities, the Independent Colleges and Universities of Florida, and the American Association of University Women.

ADMISSIONS

THE UNDERGRADUATE PROGRAM

GENERAL INFORMATION

Florida Southern College attracts students who demonstrate the academic ability and strong motivation to succeed in a challenging liberal arts program. Admission decisions are based on academic achievement, aptitude, personal character, and performance in general citizenship or leadership activities within the school and community. The College welcomes applications from students who manifest evidence of strong values, the desire and willingness to study, and the proper academic preparation to successfully complete the rigorous educational program offered at Florida Southern.

In considering applications, the Admissions Committee gives careful consideration to all credentials required and submitted. No single criterion determines acceptance or denial, but each is evaluated in relation to the applicant's complete admission profile. Admissions decisions are made without regard to race, color, marital status, disability, gender, creed, or national and ethnic origin.

Applicants are considered for admission for the fall and spring semesters. Summer session enrollment for transient or continuing students requires approval, but not formal admission.

All freshman applicants to Florida Southern College's full-time degree programs must submit the following information: (1) a completed application form and a nonrefundable

\$30.00 application fee, (2) an official high school transcript (or GED test score), (3) either SAT I or ACT test results, and (4) two letters of recommendation, one of which should be from the appropriate academic professional.

Early admission, transfer, and international students are asked to submit additional information as indicated below.

FRESHMAN ADMISSION

The Admissions Committee evaluates freshman applicants on the following criteria:

(1) Graduation from a regionally accredited high school. Although the Admissions Committee is flexible in terms of particular course requirements for admission, applicants are expected to have earned credit in at least 18 units of college preparatory courses--typically including four units of English, three units of mathematics (two years of algebra and one year of geometry), two units of laboratory science (one from the natural and one from the physical sciences), and the remaining units balanced among the social sciences, foreign language, and additional work in the sciences, mathematics or literature. Candidates are encouraged to complete additional units beyond the core academic curriculum, including work in the fine arts and other electives.

The Admissions Committee computes a cumulative grade point average based solely on academic coursework. The academic GPA is used as one basis for admission. Trends in performance are considered as part of the evaluation process.

Students earning the high school equivalency diploma (GED) may apply for freshman admission. All high school transcripts must still be submitted, along with a statement indicating the reasons for seeking the alternative diploma.

(2) Scores on either the SAT I or ACT. Results of standardized examinations, along with an applicant's academic record, help provide a reasonable prediction of a candidate's ability to perform successfully in a Florida Southern College classroom. The College expresses no preference for one examination over the other, and encourages students to take both.

(3) Letters of recommendation. Each candidate for freshman admission is required to submit two letters of recommendation. One should be from an appropriate academic source, guidance counselor or core course teacher. One can be a personal reference, appropriate examples of which would be school administrator, close personal friend, work supervisor or minister. Forms for such recommendations are available from the Admissions Office, but personal letters are acceptable alternatives.

APPLICATION DEADLINES

The deadline for freshman applications is April 1. (Athletic Training application deadline is February 1.) Applications received before that date will be handled on a rolling admissions basis. Notification of admissions decisions usually occurs two to four weeks after application files are completed. Because the number of spaces available in the entering class is necessarily limited, rolling admission continually narrows the opportunities for admission as the cycle progresses and admitted students commit to enroll for the desired semester by submitting the required deposit. (See Application Fee and Deposits.)

Students are advised to submit applications as early as possible to assure optimal admission and financial aid consideration.

Students requesting admission for the Spring Semester should start application procedures as soon after September 15 as possible.

Approval for summer study is limited to space available in the individual class requested. Applicants are encouraged to file the required forms as soon as they become available in late February each year.

EARLY ADMISSION

Florida Southern College considers applications from high school juniors who have dem-

onstrated outstanding ability and achievement and wish to begin their college careers before earning the high school diploma. In such cases a student must submit a letter from the high school principal or school head granting Florida Southern College permission to enroll the applicant as a full-time student in lieu of attending high school during the senior year. In addition, the student is strongly encouraged to meet with a member of the Admissions staff for a personal interview to discuss the appropriate course of action.

TRANSFER ADMISSION

Students who have successfully completed work at a regionally accredited college or university may apply for admission to Florida Southern College. Applicants should submit a personal statement indicating the reason for the transfer. Official transcripts are required from each post-secondary institution attended.

Applicants are evaluated primarily on the strength of their academic achievement at the post-secondary level, with emphasis placed on subject areas paralleling Florida Southern College's core curriculum. Particularly critical are courses in English and mathematics. Total credits attempted, credits earned, and grades posted serve as the basis for admission. (Students who wish to transfer before accumulating 25 semester hours of transferable credit must also submit high school transcripts and SAT I or ACT scores.) Two references as listed above, are required. A Report of Social Standing form, available from the Office of Admissions, is required to complete a transfer application.

To be considered for transfer admission, a student must be eligible academically and socially to return to the previous college or university. A student on academic or social dismissal from any institution is not eligible to enroll at Florida Southern College until reinstatement in good standing at the previous institution has been authorized. Students who have earned an A.A. degree from a regionally accredited community college within the State of Florida will have met all of Florida Southern's core requirements except religion, if the degree was awarded after December, 1994. Under agreements with the State's community colleges, A.A. degree candidates who earned their degrees in 1995 or subsequent years enter Florida Southern College as juniors with a maximum of 62 transferable credits.

Students transferring without an A.A. degree are required to complete all Florida Southern core courses not previously taken.

Once admitted to the College, transcript evaluations are performed by the Registrar's Office. The maximum number of credit hours transferable from a two-year college is 62, while a student transferring from a four-year institution may enter Florida Southern with as many as 93 hours. If a student has attended more than one college or university, each transcript is evaluated independently.

Students who have attended institutions which are considered in candidacy-for-accreditation, or students who have college credits more than ten years old may have their credits accepted provisionally and validated by completing at least 24 semester hours of Florida Southern College work while maintaining at least a 2.0 grade point average.

Non-degree-seeking applicants who have already earned a bachelor's degree are required to submit only a college transcript from the degree-issuing institution.

Transfer students requesting admission to the 300-level coursework in the teacher preparation program of the Education Department must meet a minimum grade point average of 2.5 on a 4.0 scale for all courses taken in the liberal arts CORE courses and a passing score on all four subsets of the College Level Academic Skills Test (CLAST). Florida resident students should complete this requirement before applying for admission to the teacher preparation program at Florida Southern College. Students transferring to Florida Southern College from colleges or universities outside the state of Florida should make arrangements to complete the CLAST requirement in the first semester of their enrollment in the teacher preparation program at Florida Southern College.

INTERNATIONAL STUDENT ADMISSION

Florida Southern College welcomes international students who wish to study in the United States.

International students applying for admission to Florida Southern College degree programs are required to submit all documents required for either freshman or transfer admission, as well as a financial disclosure form (available from the Admissions Office).

International students may be eligible for certain types of financial assistance and are encouraged to contact the Office of Admissions for appropriate information.

If the student is from a nation where English is not the standard for daily communication, scores on the Test of English as a Foreign Language (TOEFL) may be substituted for SAT and/or ACT test results. The TOEFL requirement may be waived for students who have completed at least one year of formal academic study at an institution where English is the language of instruction. All transcripts from secondary and post-secondary institutions overseas must be translated into English. Students seeking transfer credit should have all transcripts from colleges or universities outside the United States evaluated by World Education Service, or another similar transcript evaluation agency, prior to submission to Florida Southern.

READMISSION OF FORMER STUDENTS

Any student who wishes to return to Florida Southern College following withdrawal or suspension from the College must submit an application for readmission to the Office of Admissions.

In addition to the application form, students seeking readmission should submit a complete statement explaining the reasons for leaving and their current intention to re-enroll in a degree program at Florida Southern College. All work, travel, or additional academic experience since leaving Florida Southern should be indicated. If the student has undertaken any academic work, official transcripts must be submitted prior to any decision by the Admissions Committee. To be eligible for readmission, students must have demonstrated a successful and positive adjustment to the campus community while at the College and must not have any outstanding accounts payable in the Business Office.

The degree requirements listed in the current Catalog issued when readmission is approved shall be applicable to those readmitted that semester. Readmitted students are encouraged to consult the Catalog for changes in requirements.

College work completed more than ten years prior to the date of readmission must be validated by the attainment of a 2.00 average during the first 24 semester hours attempted. (All applications should be completed no later than one month prior to the beginning of the semester of readmission.)

DEFERRED ADMISSION

Students who have been admitted to Florida Southern College for the Fall or Spring Semester may defer admission for up to one year, provided that the request for a deferred date of enrollment is made in writing prior to the start of the semester for which admission was granted.

Candidates may request deferred admission to pursue non-academic goals, such as work and travel, only. Deferred admission is not granted to students who wish to enroll in another institution prior to attending Florida Southern College. (See *Reactivation of Applications*.)

Financial aid cannot be automatically deferred. Students should contact the Financial Aid Office to assure that full consideration for financial aid is given for the designated semester of enrollment.

REACTIVATION OF APPLICATIONS

All applications to Florida Southern College remain on file for a period of two years. Students who do not enroll in the semester requested on the original application may reactivate an application for consideration for a subsequent semester within that two-year period.

Students should submit a new application for admission. A personal reference and one reference from an appropriate academic professional written within a twelve-month period of reactivation must be on file. If the applicant has undertaken additional formal study in the intervening period, official transcripts must be submitted showing all work completed or in progress. Candidates who have attended a post-secondary institution in the intervening period should file the appropriate Report of Social Standing Form available from the Office of Admissions.

If already on file, the following items do not need to be submitted when an application is reactivated: the \$30.00 application fee or appropriate waiver, final official transcripts of all work completed at the secondary or college level, and official results from standardized testing.

Admissions decisions are made according to the requirements and expectations pertaining to the class entering in the semester requested. Any decision rendered earlier by the Admissions Committee is subject to review and modification.

SUMMER SESSION

Students, who wish to attend Florida Southern College for a summer session only, are required to submit an application and appropriate documentation of academic eligibility. Enrollment is limited to the specific coursework requested on a space available basis. Students enrolled for only the summer session may not continue their studies in the Fall Semester unless an application for admission has been approved for Fall Semester. (See Special Admission.)

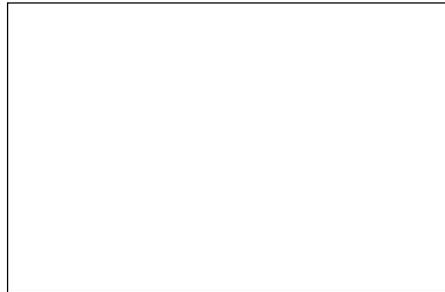
ADMISSION DECISIONS AND PROCEDURES

Applications are submitted to the Admissions Committee for decisions as soon as all required credentials have been received. Written notification of admissions decisions may be expected within two to four weeks.

The Admissions Committee reserves the right to hold an application until further information is available, such as end of semester grades or additional test results, before making a decision about an application for admission.

If accepted, applicants need to submit a deposit of \$250 (\$100 for January entrance) to reserve a place in the entering class. A portion of the initial payment will serve as a permanent deposit as long as the student remains enrolled in the College. The remainder of the deposit is an orientation fee. (See also Application Fee and Deposits.)

The College recognizes the date approved by the National Association of College Admission Counseling as the standard Candidate's Reply Date. For Fall Semester enrollment, the reply date is May 1. Applicants who have submitted deposits for enrollment may receive refunds if they decide not to attend the College and file written requests for refunds on or before May 1.



A Medical History Questionnaire is mailed upon acceptance. This must be completed and on file at the College prior to registration.

SPECIAL ADMISSION

A student who wishes to enroll for specific coursework is eligible to register as a non-degree-seeking student, either full or part-time through the Registrars' Office.

Students holding non-degree status may accumulate no more than thirty hours of coursework. Upon completion of six semester hours, non-degree students may seek degree status through the Office of Admissions.

A student who is a degree candidate at another institution and wishes to take courses for transfer credit should arrange with that college's registrar to submit a letter indicating good academic and social standing and granting permission to take specific courses at Florida Southern College. This transient permission serves as a substitute for the transcript required from other students.

PART-TIME STUDENT STATUS

Students are considered part-time if they enroll in less than 12 semester hours per semester.

Part-time students may lose eligibility for some or all financial aid sources and may not participate in intercollegiate athletics or other College-sponsored activities.

MILITARY CREDITS

Florida Southern College accepts military personnel credit toward a degree for several categories of validated service experience, including military science, service schools, USAFI courses by correspondence and acceptable CLEP test scores. The courses must relate in content to the Florida Southern curriculum.

CREDIT BY EXAMINATION

Credit by examination is awarded on the basis of Advanced Placement (AP) and College Level Examination Program (CLEP) satisfactory scores. Credit is awarded on the basis of Advanced Placement Examination scores of three, four, or five. Both General and Subject Examinations of the College Level Examination Program are acceptable. Credit on General Examinations is based on the national 50th percentile of the combined sophomore norm for men and women. On the Subject Examinations, credit is based on the national norms for scores comparable to the average score achieved by "C" students in similar college courses. Ordinarily, credit by examination is not awarded in any area in which comparable college coursework or more advanced work already has been attempted. In most cases, a student may attempt tests only once for determining possible credit.

Florida Southern College will grant thirty hours of college credit and sophomore standing to students earning the International Baccalaureate Diploma. IB students who have not earned the full diploma may be awarded credit for certain Higher Level examinations upon which a student has earned a score of 4 or better.

Credit by examination is recorded as transfer credit at Florida Southern.

VETERANS

All baccalaureate degree programs currently offered at Florida Southern College are approved for veterans training by the State Approving Agency. Veterans are required to maintain standards of satisfactory progress and attendance. These include but are not limited to placing students on Academic Probation when their overall grade point average is less than 2.0, the average required to receive a degree, and suspending them if they fail to meet the College's academic standards. Regular class attendance is required. In addition, the College continually monitors the progress of veterans to assure that they are taking courses needed

for their degrees. This is a requirement for receiving veterans benefits. Satisfactory progress means that the students receiving VA benefits must take courses at a rate that permits graduation within 124 semester hours unless there are extenuating circumstances. Each veteran has a faculty advisor who assists in planning the academic program and discusses any problems that may arise relative to the student's progress.

When the above standards of progress are not met by a veteran, the Veterans Administration is notified that the student is not making satisfactory progress toward the degree. Notices of Changes In Enrollment Status are sent to the Veterans Administration when the student withdraws during the semester, does not re-enroll for a subsequent semester, or changes status from full-time to part-time.

EVENING PROGRAMS

Applicants for admission to the Lakeland and Orlando evening programs must meet the same standards as are applied to degree-seeking students admitted to the College's full-time resident or day programs. The application for admission must be supported by a transcript of the high school record as well as transcripts of all academic work taken at other colleges and universities. While no single criterion determines acceptance or denial, the Admissions Committee gives careful consideration to all credentials required and submitted. Documents describing service-connected educational experiences are also required if evaluation for transfer of military credit is being requested.

There is a late fee of \$50.00 for those who register after the normal registration days.

Students may be admitted provisionally for six semester hours without the supporting documentation.

No evaluation of transfer credits, military experiences, or credit by examination can be carried out until the application is complete with supporting documents.

For further information regarding admission, evaluation of credits, registration, and other administrative evening program details, please consult the program guides prepared specifically for students interested in the evening programs, available from the Office of Admissions.

THE M.B.A. PROGRAM

Applications for admission to the M.B.A. program must include official transcripts of all undergraduate and graduate work previously taken. Transcripts become part of the student's permanent academic file at Florida Southern. Three letters of reference confirming the student's ethical character and suitability for the pursuit of a degree are needed. One of these letters should be from an employer.

Prior to admission, applicants must submit satisfactory scores on either the Graduate Management Admissions Test (GMAT) or the verbal and quantitative portions of the Graduate Record Examination (GRE) and satisfactory undergraduate academic records. Generally, Florida Southern expects a GMAT score of at least 450 or a GRE combined verbal and quantitative aptitude score of at least 850, and an undergraduate grade point average of at least 2.75.

A maximum of six semester hours of coursework taken for graduate credit from a regionally accredited graduate school or program may be accepted toward the master's degree at Florida Southern College. Ordinarily, this provision relates to work taken prior to enrollment in Florida Southern's graduate program. Approval for transferring such work must be granted by the Graduate Council.

Once admission to the program is achieved, students are assigned to one of two graduate categories:

1. **Degree Candidate:** This category includes students who are regularly admissible to 600 level graduate courses.

2. **Graduate Student:** This category includes students who have not yet met all prerequisites. Students are required to take certain undergraduate courses in order to meet the graduate course prerequisites. The specific prerequisite courses for each applicant is determined by the Graduate Council.

Transient Student: In addition, students currently enrolled in master's programs at other institutions may be allowed to take courses in the Florida Southern M.B.A. program. Transient student documentation is required before enrolling in any course at Florida Southern College.

For additional information, please consult the M.B.A. Program Guide, available from the Office of Admissions.

FINANCIAL INFORMATION THE UNDERGRADUATE DAY PROGRAM

TUITION AND FEES

Students pay only a part of their costs--operating and instructional--at Florida Southern College. The remainder comes from endowment income and from alumni and friends, as well as from grants from foundations, business and the government and from the Florida Conference of The United Methodist Church.

Here are the costs for the 2000-2001 academic year. Because economic conditions may change, the College reserves the right to revise fees.

Boarding Students	Semester	Commuting Students	Semester
Tuition	\$6,375.00	Tuition	\$6,375.00
Room and Board: Low*	\$2,575.00	Activities Fee	\$40.00
Room and Board: High*	\$2,775.00	Technology Fee	\$60.00
Activities Fee	\$40.00	Total:	\$6,475.00
Technology Fee	\$60.00		
Total: Low	\$9,050.00		
Total: High	\$9,250.00		
		Food Service (Total)	
*Room Plan A: \$1,400 Low		\$1,000, 10 meals a week(seniors only)	
*Room Plan B: \$1,450 Medium		\$1,175, 15 meals a week	
*Room Plan C: \$1,500 High		\$1,275, 21 meals a week +	
+ (Required for all 1st year resident students)			

Full-time boarding students may use their residence room and meal service from registration through the last final examination, except for holidays when the residence halls are closed.

Full-time boarding and day students are covered by accident insurance (up to \$2500 each with \$50 deductible) and may receive some on-campus health services, admission to college athletic events, and college publications. Those not enrolled both semesters, or who are enrolled in foreign study programs, pay an additional fee for certain publications. Serious illness requiring hospitalization is not included in the accident insurance, but such coverage is automatically included on a separate student waiver basis. A signed waiver form must be turned in to the Business Office by the first day of class of each semester to have this coverage canceled.

Activities Fee money is allocated to the administrative budgets of certain recognized, inclusive, campus groups, as well as for operating, administering and supervising various campus-wide activities. Allocations are not made to special interest groups or clubs.

The renowned Florida Southern Festival of Fine Arts concerts are available, at no charge, to students who pick up tickets at Branscomb Auditorium twenty-four hours ahead of each performance.

ADDITIONAL COSTS

Books and supplies, approximately per semester	\$400.00
Credit hours (below 12 and above 18)	\$370.00 per hour
Graduation Fee	\$50.00
Change of examination fee	\$15.00
Illness insurance premium	\$140.00
International Student Insurance	\$505.00
Scuba lab fee	\$50.00
Tae Kwan Do fee	\$50.00
Late Registration Fee (varies by time)	\$150.00
Late Payment Fee	\$100.00

APPLIED MUSIC LESSONS

The fees for private applied music lessons are \$150.00 per semester for a weekly half-hour lesson and \$300.00 per semester for a weekly full-hour lesson. For full-time students majoring in music, the fee is \$275.00 per semester for all private lessons.

Students who withdraw from applied music lessons do not receive a refund of the tuition unless the withdrawal is completed before the end of the first full week of classes.

METHODS OF PAYMENT

All financial obligations are payable before the beginning of the semester or term. Students may not attend classes until their financial affairs have been satisfactorily arranged. These include loans, grants, or scholarships. Accounts, including special charges, must be paid prior to preregistration, for the following semester. Checks for payment of student accounts should be made payable to Florida Southern College for the exact amount due. The College also accepts MasterCard and VISA.

Parents who would like to pay education costs out of regular income may use the Prepayment Plan administered by the College. This plan divides tuition and fees into monthly installments that begin in March or May of the year preceding the anticipated enrollment date, allowing tuition and fees to be paid in full prior to the beginning of classes. A one-time Service Fee of \$25.00 is the only cost for using the Prepayment Plan. Arrangements to participate in this plan should be made with the Business Office at the time the student is accepted by the College.

Also available for financing college expenses on monthly installments are programs offered by Florida Southern College through Key Education Resources Monthly Payment Plan and various loan options. Please call Key at 1-800-KEY-LEND.

APPLICATION FEE AND DEPOSITS

A nonrefundable fee of \$30.00 is due with every student's application for admission.

Upon acceptance for admission, each student needs to send \$250.00 (\$100.00 for January applicants) to Florida Southern College. This is a nonrefundable payment and is due four weeks after the acceptance date or the admission is canceled.

Of this \$250.00, \$150.00 covers expenses of Orientation Week prior to registration. The remaining \$100.00 is repaid to students whose college account is paid in full, and (1) who graduate, or (2) who do not register for the following semester, or (3) whom the College does not permit to return. This payment is forfeited if the student withdraws from the College during the semester. The payments for the fall semester are refundable until May 1 prior to

the fall semester, but are not refundable after that date. The payments for spring semester are refundable until December 1.

For returning students, a preregistration deposit of \$175.00 is required at the time of preregistration for each fall semester. This deposit assures a place being held in classes and in the residence halls for boarding students. This deposit is refundable until August 1.

TRANSCRIPT REQUESTS

There is no charge for transcripts for Florida Southern College graduates. For those non-graduates, if they have not had a previous transcript of academic record issued while attending Florida Southern College, the College will furnish one transcript without charge upon written request. Requests must be signed as federal law requires legal signature. Also needed is identifying information in the request such as name (and any previous names), social security number, dates of attendance or date of graduation, and birth date. Additional requests for transcripts should be sent to the Registrar's Office with a fee of \$5.00 for each transcript. Transcripts cannot be issued if a file is incomplete or if all financial obligations have not been settled in the Business Office.

GENERAL INFORMATION

Each student, by completing preregistration, becomes responsible for payment of all charges for the semester. A student who submits a written request to the Business Office within three working days of the first day of class may cancel that registration and receive a full refund of tuition and fees paid. Refunds for room and board are made on a pro rata basis. A parent or other sponsor accepts these terms and regulations as final and binding. All accounts must be paid in full before grades and transcripts are released.

The College does not provide special diets and no refunds are made because of meals missed due to diet requirements. The board rate for each semester, including the time of final examinations, has been adjusted by the College to allow for meals missed by the students and is not subject to further revision.

\$100.00 is charged for each course taken on an audit space-available basis.

REFUND POLICY

A student who withdraws from college during a regular semester is eligible for a partial refund of tuition, room, board and fees:

If the student withdraws during the first three days of class, the student will receive a 100% refund. Beginning with the fourth day of classes through the tenth calendar day, there is a 90% refund on tuition, room, board, and fees. During the 11th through the 25th calendar day, a 50% refund is made. A 25% refund is made during the 26th through the 50th calendar day. After the 50th day, refunds are made only in cases of serious accident or illness with the recommendation of the college physician. In serious accident or illness cases extending beyond a two-week period, a student who withdraws receives a 75% refund of any unused tuition, room, board, and fees. The refund policies for evening, summer, and M.B.A. programs are covered in the respective program guides.

No adjustment or refund is considered until a student files formal notice of withdrawal and is officially withdrawn.

The following conditions apply when a student withdraws from the College and has received financial aid for the term of withdrawal:

1) Financial aid funded by Florida Southern College and the State of Florida is refunded (returned to source) on the same basis as the student charges are refunded. For example, a student receiving a 75% refund of charges will receive a credit of 25% of the financial aid awarded and 75% is withdrawn from his account and returned to the appropriate funding source. This policy does not include money a student earns under the Faculty Assistants Program (FAP) or the College work-study program.

2) A separate formula applies to the federal loan and grant programs, including Pell Grant, SEOG, Perkins Loan, Stafford Loan, and Parent Loan Programs. Based upon the percentage of class days remaining in a given term/semester, this same percentage of the total federal funds must be refunded, firstly to loan programs. No refunds are required if less than 41% of the class days remain at the time of formal withdrawal.

3) Financial aid received by the student from private sources is refunded in accordance with the policy of the organization providing the funds. Lacking guidance from said organizations, funds are handled in the same manner as FSC funds.

FINANCIAL AID

Florida Southern College is the largest source of financial aid for its students, Ninety percent of FSC's students receive some form of grant or scholarship from the College. In addition to grants based upon financial need, leadership and community service, and church-related awards, Florida Southern provides academic scholarships to freshmen and transfer students.

Academic Merit Awards to freshman are allocated as follows:

\$3,000 with SAT of 1150/ACT 24 and a recalculated GPA of 3.25 (or top 33% of class)
\$4,000 with SAT of 1250/ACT 28 and a recalculated GPA of 3.50 (or top 20% of class)
\$5,000 with SAT of 1350/ACT 31 and a recalculated GPA of 3.75 (or top 10% of class)
\$6,000 with SAT of 1450/ACT 33 and a recalculated GPA of 3.90 (or top 2% of class)

Academic Recognition Awards to freshmen (not qualifying for the AMA) are allocated as follows:

\$1,000 with a recalculated GPA of 3.0
\$1,500 with a recalculated GPA of 3.5
\$2,000 with a recalculated GPA of 3.7
\$3,000 with a recalculated GPA of 3.9
\$4,000 with a recalculated GPA of 4.0

Academic Recognition Awards to transfers (with at least 25 transferrable credits) are allocated as follows:

\$3,000 with a recalculated GPA of 3.25
\$3,500 with a recalculated GPA of 3.50
\$4,000 with a recalculated GPA of 3.75

State of Florida Programs

Florida Southern College students from Florida may receive aid from several state-funded programs, including the Florida Resident Access Grant, Bright Futures Scholarships, and benefits under the Florida Prepaid Tuition Program.

Federal Programs

Florida Southern College students may receive aid from all of the major federal grant, loan and work programs based on financial need.

Important Dates and Conditions

- In order to maximize financial aid opportunities, student should complete the FAFSA, and the FSC Financial Aid Application by April 1. Additionally, incoming students should complete the admissions application process by February 1. While completing these steps will ensure consideration for all federal, state, and college aid programs, students are encouraged to pursue scholarships through organizations in their home community.

- Financial aid award notifications will reflect the student's eligibility for federal, state, and institutional aid.

- Most awards are intended to be renewed annually until graduation; however, there are special renewal requirements detailed in the award notification.
- Florida Southern College scholarships and grants require full-time enrollment, and cannot exceed charges due the College.
- Financial aid awards are predicated on full-time enrollment, which is 12 credit hours each semester. Students should consult the Financial Aid Office before withdrawing from classes that result in a semester course load of fewer than 12 credits.

Additional Information

Please call (863) 680-4140 for additional information, or visit the Financial Aid Office in the Seminar Building.

THE M.B.A. PROGRAM TUITION AND FEES

Admission Fee

A nonrefundable application fee of \$30.00 is required of applicants for the Master's degree. This application fee is not assessed a second time unless there is a lapse of one calendar year between continuous registrations for coursework.

Matriculation Fee

A nonrefundable \$25.00 matriculation fee is required of everyone admitted to study in degree programs upon registration. This application fee is not assessed a second time unless there is a lapse or one calendar year between continuous registrations for coursework.

Graduation Fee

A \$50.00 graduation fee is charged to everyone who anticipates being awarded the degree at the next succeeding College Commencement. The fee covers the cost of diploma and the processing of credentials. It is payable at the beginning of the semester in which graduation is anticipated.

Tuition

Tuition fees for 2000-2001 are established by the Board of Trustees at the rate of \$300.00 per graduate 600-level credit hour.

In the event of withdrawal from courses, tuition is refundable according to the schedule provided for the baccalaureate resident-day students. A student withdrawing from College is granted a partial refund on tuition as provided below:

A student who withdraws during the first through third day of class of a regular semester will receive a 100% refund of tuition. Beginning with the fourth day of classes through the 10th calendar day, a 90% refund on tuition is given. During the 11th through the 25th calendar day, a 50% refund is made. A 25% refund is made during the 26th through the 50th calendar day. After the 50th day, refunds are made only in cases of serious accident or illness with the recommendation of the college physician. In serious accident or illness cases, extending beyond a two-week period, a student who withdraws receives a 75% refund of any unused tuition. During the two summer terms, calendar days for the above listed percentages are reduced based on the number of days in the terms.

No adjustment or refund is considered until a student files formal notice of withdrawal and is officially withdrawn.

STUDENT LIFE EXPECTATIONS

Florida Southern wants its students to be successful inside and outside of the classroom and believes chances for success are enhanced by living in a community which establishes high expectations. Florida Southern has established those expectations so that students know the College's concern for their welfare. These expectations are:

- 1) to follow all college regulations as outlined in the Student Life Handbook and other college publications;
- 2) to follow all local, state, and federal laws;
- 3) to be honest in all situations, academic and nonacademic;
- 4) to respect the rights and property of others;
- 5) to live in a manner that brings credit to you and to your College;
- 6) to take advantage of every opportunity to expand one's mind and to contribute positively to the College's environment.

These expectations help create an environment that supports Florida Southern's living and learning both inside and outside the classroom. While the primary emphasis is to encourage and support intellectual growth, it is also important that Florida Southern provide out-of-class activities which supplement and complement academic life. For these reasons, we provide positive activities, programs, and services for the benefit of our students. Our very complete new Wellness Center and our student health services are examples. There are varsity sports, intramural sports and club sports, as well as a wide variety of activity-oriented, academic, social and leadership organizations.



The College newspaper and the yearbook are open to everyone as are many music organizations--the orchestra, the chorale, the jazz band and the pep band. The Vagabonds is the very active student drama group. Student government and the Association for Campus Events are opportunities for the service-minded. And, for the safety of our students, there is 24-hour campus security.

Many other opportunities are outlined in the Student Life Handbook as can be accessed through the website at www.flsouthern.edu. In addition, the Handbook describes in detail student life policies and regulations which contribute to a campus environment where the rights and responsibilities of all students are respected and protected.

RELIGIOUS LIFE

Florida Southern is a United Methodist-related College. It encourages students, faculty and staff to enrich their lives by the regular practice of worship and by participating actively in religious affairs.

The College has a chaplain who serves as the coordinator of religious activities. These include a campus worship service held in the Frank Lloyd Wright-designed Annie Pfeiffer Chapel each Sunday at 11:00 a.m., and organizations for young men and women who plan to enter the ministry or some type of Christian vocation. There are also the denominationally sponsored religious groups which meet for worship, fellowship, and service. At the present time these include the Wesley Fellowship, the Baptist Campus Ministries, the Newman Club, the Fellowship of Christian Athletes, and the All-Campus Fellowship. A Roman Catholic Mass is celebrated each Sunday evening on campus.

The Chaplain visits the student health center and hospital when there is need and is available to all students for personal counseling. A directory of local churches is available through the Chaplain's Office.

PERFORMING ARTS

There are many opportunities for qualified students to participate in the Chorale, the Symphony Band, the Jazz Ensemble, and the Chapel Choir, as well as a number of informal musical groups.

The Vagabonds is the dramatic production group of the College, open to all students with potential ability in acting and writing. The group presents plays from the professional theater repertoire and experimental plays directed and produced by the members.



ATHLETICS

In the summer of 2000, it was announced that Florida Southern College athletic program placed fourth in the nationwide Sears Director's Cup for athletic excellence. The standings for the Cup take into account each institution's national finishes in fourteen different sports.

Overall, on the intercollegiate level, Florida Southern holds 22 Division II national championships--spread out over a number of sports--as well as a large number of conference and regional titles.

The athletic program endeavors to offer every student an opportunity to develop sportsmanship, physical fitness, and some athletic skill and interest. There are the following intercollegiate sports: Men -- baseball, basketball, cross country, golf, soccer and tennis.; Women -- basketball, cross country, golf, soccer, softball, tennis and volleyball. Full-time students are entitled to attend athletic events free of charge. I.D. cards are required for admission.

INTRAMURALS

There is a well-organized intramural program with a wide range of activities for men and women, including individual and team sports such as basketball, flag football, soccer, tennis, and volleyball.

A club sport program offers opportunities for involvement in water skiing, soccer, swimming, and shooting.

Recreational equipment is available at the checkout room, on the waterfront, and at the Student Center. The Nina B. Hollis Wellness Center has a state-of-the-art workout room, billiards tables, basketball and volleyball courts.

SERVICE AND CIVIC ORGANIZATIONS

There are several student organizations designed to give their members an opportunity to serve the community and become better informed citizens. These include: the International Club, the Young Democrats Club, the Young Republicans Club, Best Buddies, Project Uplift and SOS (Students Offering Services). The Office of Community Service is available to help students find other avenues of service.

FRATERNITIES AND SORORITIES

There are five national fraternities and five national sororities at Florida Southern College. Each of these groups defers freshman rush until the student's second semester at Florida Southern.

The national fraternities are: Kappa Alpha, Kappa Alpha Psi, Lambda Chi Alpha, Pi Kappa Phi, and Sigma Chi.

The national sororities are: Alpha Chi Omega, Alpha Delta Pi, Alpha Omicron Pi, Kappa Delta, and Zeta Tau Alpha.

Each national fraternity is represented in the Interfraternity Council. Each national sorority is represented in the Panhellenic Council.

To be eligible for any aspect of Greek life, from rushing to initiation, the College requires students to earn a cumulative grade point average of at least a 2.0, a prior semester grade point average of at least a 2.0 on at least 12 hours, to be carrying currently at least 12 hours, and to be free from academic or social probation. Carry-overs (non-initiates) are limited to one semester. Eligibility must be certified by the Registrar and approved by the Vice President for Student Life or designee.

SPECIAL RECOGNITIONS AND AWARDS

Each academic year a senior is selected as “Honor Walk Student” on the basis of that student’s academic record, campus leadership, and contribution to the college community. A senior woman is selected for the Agnes Johnson Rowe Award and a senior man is selected for the James C. Rogers Award by vote of the student body, faculty, and administration each spring. To be eligible, candidates must have shown academic and leadership qualities.

In recognition of outstanding leadership, each year a number of students are awarded membership in: “Who’s Who Among Students in American Colleges and Universities.”

HONORARY SOCIETIES AND CLUBS

There are many local and national honorary organizations established to recognize outstanding students for leadership, service, and academic achievements. Each organization maintains scholastic standards. These organizations are described more fully in the Student Life Handbook.

BETA BETA BETA	National Biological Fraternity
DELTA OMICRON	Women’s Honorary Music Fraternity
DELTA SIGMA PI	Professional Business Fraternity
KAPPA DELTA PI	National Educational Society
KAPPA MU EPSILON	Mathematics Honor Society
LAMBDA PI ETA	Speech Communications Honorary
OMICRON DELTA KAPPA	National Honorary Leadership Fraternity
PHI EPSILON KAPPA	Physical Education Honorary
PHI ETA SIGMA	National Freshman Honor Society
PHI MU ALPHA SINFONIA	Men’s Honorary Music Fraternity
PSI CHI	National Psychology Honorary
SIGMA DELTA PI	Spanish Honorary Fraternity
SIGMA RHO EPSILON	Religious Educational Fraternity
ORDER OF OMEGA	Greek Leadership Honor Society

There are also several clubs available for students:

- Advertising Club (Affiliated with American Advertising Federation)
- Association of Campus Entertainment
- Association of Computer Machines
- Baptist Collegiate Ministries
- Best Buddies
- Beyond

Cantilevers

Commuter Student Association
Citrus-Environmental Horticulture Club
Criminology and Sociology Club
Fellowship of Christian Athletes
Florida Public Relations Association (Student Chapter)
Florida Southern Diamond Girls
French Club
Gospel Choir
Habitat for Humanity
Institute of Management Accountants

Interlachen

International Student Association
Mathematical Association of America
Organization of Jewish Students
Philosophy Club
Physical Education Majors Club
Pre-law Society
Red Roses
Reformed University Fellowship
Scientia Politicus
Shades of Color
Society of Physics Students
Society of Professional Journalists
Spanish Club
Sports Medicine Club
Student Affiliation of The American Chemical Society
Student-Athlete Advisory Committee
S.A.D.D.
Student Council for Exceptional Children
Student Government Association
The Adventurer's Club
The Mechanicals
Toastmasters International
Upper Room Ministries
Wesley Fellowship
Women's Club Soccer

ACADEMIC LIFE

General Information

ACADEMIC ORGANIZATION

Academic life at Florida Southern is based upon the liberal arts heritage. Courses of instruction are arranged within departments and divisions. Students elect academic majors in one of the divisions or in one or more of the departments.

DIVISIONAL MAJORS

Humanities
Social Science

HUMANITIES DIVISION

Art
 Art Education
 Graphic Design
 Studio Art
Communication
 Advertising
 News Media
 Public Relations
English
Languages
 Spanish
Music
 Music Education
 Sacred Music
Religion and Philosophy
Theatre Arts

INTERDEPARTMENTAL MAJORS

Music Management
Sports Management
Marketing-Citrus
Business-Envir. Horticulture

NATURAL SCIENCES DIVISION

Biology
 Environmental Studies
Chemistry and Physics
Citrus and Environmental Horticulture
Mathematics
Nursing

SOCIAL SCIENCES DIVISION

Athletic Training
Business and Economics
 Accounting
 Business Administration
 Computer Information Systems
 Financial Management
 Hotel/Resort Management
 Human Resources Management
 International Management
 Marketing Management
 Paralegal Studies &
 Law Office Management
Economics
Education
 Elementary Education
 Prekindergarten/Primary/Elementary
 Education
 Secondary Education
 Special Education
History and Political Science
Physical Education
Psychology
Sociology and Criminology

ATTENDANCE CLASS and CONVOCATION

Students are expected to attend all class and laboratory sessions on time and may be absent only for unavoidable documented reasons. It is the student's responsibility to inform the professor of an unavoidable absence and to complete all coursework missed due to absence. As a matter of information to a faculty member, the Office of the Vice President of Student Life or the Student Health Center will issue to a student an official explanation of absence when an absence is due to: (1) illness treated by the College physician or under his supervision, (2) participation in authorized College activities, or (3) a serious, unavoidable personal emergency. It is necessary for the student to request an explanation of absence card from the Office of the Vice President of Student Life or the Student Health Center and to give it to the faculty member whose class was missed.

A student may be withdrawn from a class at the discretion of the professor. Reasons for withdrawal may include, but are not limited to, lack of attendance or inappropriate classroom behavior. Students having a prolonged period of absences due to illness for any reason must obtain written permission from the Vice President and Dean of the College to return for the remainder of the current semester.

The College also requires students to attend each convocation. The Faith and Life Convocation series brings outstanding personalities and programs to the campus. A liberal arts college should expose students to a broad range of issues--religious, aesthetic, moral, as well as intellectual.

Finally, candidates for degrees must attend all commencement services.

EVENING PROGRAMS

Florida Southern College sponsors evening programs in Lakeland and Orlando designed specifically to enable the student who is employed full-time to complete requirements for the degree without relying on the more traditional collegiate style. Courses of study are scheduled during late afternoon, evening, and weekend hours across terms lasting seven weeks. Six terms of seven weeks are established each year. This calendar enables the student who wishes to take the maximum of two courses in a term to earn up to 36 semester hours credit per calendar year.

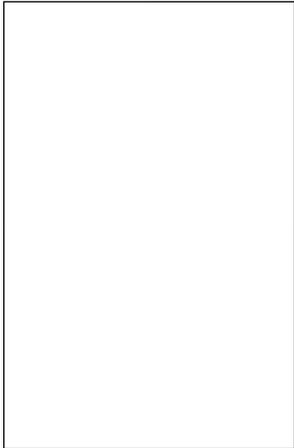
The evening program in Lakeland is a degree program leading to the Bachelor of Science degree with majors, minors, and curricular concentrations in Accounting, Business Administration, Education, Nursing, and Psychology.

The evening program in Orlando is a degree program leading to the Bachelor of Science degree with majors, minors, and curricular concentrations in Accounting, Business Administration, and Nursing.

THE COLLEGE SCHEDULE

The College functions on the semester system with two approximately fifteen-week semesters, one four-week May Option term and three four-week summer sessions.

The Education Department sponsors in-service workshops, seminars, and special programs for area teachers at intervals throughout the year and continuously through the summer. An instructional week begins on Monday morning and continues through Friday afternoon. During final examinations, in the evening programs, and for purposes of administering standardized examinations, the instructional hours may be extended through Saturday evening of any given week. The College reserves the right to assign classes or laboratory hours throughout the week.



ACADEMIC TRADITIONS

Academic achievement of the collegiate degrees is recognized by the awarding of the degree during formal commencement ceremonies. Each candidate's diploma is bound in a red vellum folder, and signed by college officials. The official seal of the College is affixed. Honorary degrees may be given by the College from time to time accompanied by the presentation of diplomas and of academic hoods bearing chevrons of red and white. Each year since 1934, the College has elected an outstanding person as Honorary Chancellor as part of its annual Founders Week program. The College's Honorary Chancellors are listed on page 98.

When the faculty, staff, and students are formally convened for purposes of conferring degrees, academic regalia consisting of gown, mortar board, and hood (for faculty and staff) are worn.

COLLEGE ACADEMIC HONORS

Degree candidates with final cumulative grade point averages of 3.50-3.69 are graduated cum laude; 3.70-3.84 magna cum laude; and 3.85-4.00 summa cum laude. To be eligible for these honors within the graduating class, students must have earned 62 or more hours at Florida Southern College. To be eligible for nomination as valedictorian or salutatorian, students must be honored summa cum laude and have earned 62 or more semester hours credit at Florida Southern College.

Academic recognition is also provided by naming students as President's Scholars. They are students who achieve grade point averages of 4.0 on a minimum of fifteen graded semester hours in any one semester. Students may be named to the Dean's List when they have achieved grade point averages of 3.50-3.99 on a minimum of fifteen graded semester hours in any one semester.

Students may be honored for academic and leadership achievement with election to one or more of the College's honor societies. These organizations are listed in the Student Life section of this Catalog.

LIBRARY

The Roux Library is an integral part of the intellectual life of the College and seeks to educate students in developing lifelong, critical information-seeking skills through its staff, collections, and services. The library's resources include 174,000 volumes, 680 periodical subscriptions, access to over 2,000 full-text electronic periodicals, a 3,300 item media collection that includes videocassettes, CDs, DVDs, and CD-ROMs, and a substantial microforms collection, as well as seating for over 350 students. The physical resources are complemented by access to over 50 electronic databases and to the resources of other libraries through interlibrary loan. The library is open daily, 82 hours a week, Monday through Thursday, 8 a.m. - 11 p.m.; Friday, 8 a.m. - 5 p.m.; Saturday, 1 p.m. - 5 p.m.; Sunday, 2 p.m. - 11 p.m. Summer hours may vary.

ACADEMIC REGULATIONS

UNIT OF ACADEMIC CREDIT

Florida Southern College utilizes the semester hour as the basic unit of academic credit. The semester hour represents the equivalent of 14 clock hours of classroom instruction. Two clock hours of laboratory or studio instruction are generally understood to be equivalent to one clock hour of classroom instruction. Most of the college's baccalaureate degree requirements specify 124 semester hours for graduation. Exceptions are noted under the respective majors. In the course lists and descriptions in this Catalog, the use of the word "hour" means semester hour unless otherwise noted.

CLASSIFICATION OF STUDENTS

The number of semester hours earned determines classification.

Freshman 0-29

Sophomore 30-59

Junior 60-91

Senior 92 or more

Students are also classified as:

Degree-seeking full-time, when taking 12 hours or more in any one semester and making systematic progress toward the degree;

Degree-seeking part-time, when taking less than 12 hours in any semester and making systematic progress toward the degree; and

Special, when taking less than 12 hours in any semester and not being admitted to degree status.

Students from other colleges and universities may be admitted as transient students upon presentation of an official statement attesting to good academic standing.

COURSE LOADS

Full-time degree-seeking students normally take 15-18 semester hour course loads. With the written approval of the Vice President and Dean of the College, students may register for more than 18 hours. Boarding students may not register for fewer than 12 hours and may not reduce the load below 12 hours during any semester. Evening program students may not take more than 6 hours in any one term.

Students may enroll in certain courses as auditors. Full participation in classwork is not expected and no credit is given. Courses taken as audit may not be established later for credit.

Resident-day students ordinarily do not include evening courses in their schedules of classes. However, students regularly registered in the resident-day program of the College are permitted to register in an evening course if the student's total credit-hour load is not excessive, if the student's grade point average is at least 2.0, and if the course is not available in the resident-day program in either semester or Summer Sessions. When students are permitted to take courses in the evening program, additional tuition is assessed at the prevailing evening rate regardless of the total hours being carried in the resident-day program.

Students other than freshman may take one course per semester on a Pass/Fail basis. This option may be used only for elective courses. In keeping with the liberal arts tradition, students are encouraged to use this option to explore areas outside college and departmental requirements. Consent of the teacher is required, and the necessary paperwork must be completed in the Registrar's Office before the second week of class.

GRADES AND QUALITY POINTS

The following scale of letter grades is used: "A", Excellent; "B", Good; "C", Satisfactory; "D", Deficient; and "F", Failing. The letter "I" is used to indicate incomplete. A grade of "W" is given in a course from which the student withdraws by the calendar date specified in each semester; courses dropped after this date will carry a grade of "F." An "AU" indicates audit.

Certain courses may be elected on a "P" (Pass) and "F" (Fail) basis. Grades of "P" do not affect the grade point average. Grade point values are assigned to the letter grades for each semester hour of instruction: "A", 4; "B", 3; "C", 2; "D", 1; "F", 0. In determining grade point averages, the total number of quality points earned is divided by the total number of semester hours attempted for which quality point values are assigned. At mid-semester, students enrolled in 100 and 200 level courses are informed of academic progress by mid-term grade reports. At the close of the semester, final grades are reported to students and become a part of the permanent academic record.

INCOMPLETES

At the end of the semester with most of the coursework complete, if a student is unable to complete coursework by reason of serious illness or emergency, the Vice President and Dean of the College confers with the faculty member(s) under whom the student has been studying. Faculty members may then initiate procedures to establish an incomplete (grade of "I"). A form requesting permission to award the grade of "I" is filed with the Vice President and Dean of the College for approval and transmission to the Registrar. The incomplete course must be finished before the end of the next succeeding semester or term during which the student is enrolled or within a briefer time frame established by the instructor. For such courses not completed within the allowable time limit the "I" grade will become an "F."

DROP/ADD PROCEDURES

Changes in course registration must be approved by the faculty advisor, the Vice President and Dean of the College or the Registrar's Office. Students making changes in registration (drop, add, or both) must complete the change with a standard office form bearing course numbers and all required signatures. Not attending class or simply notifying the teacher of intent to drop a course is insufficient procedure and may result in the recording of "F" grades for a semester's work. Students are reminded that a date shortly after mid-term grade distribution is designated as the final date for dropping courses without penalty.

Grades of "W" are recorded for all semester courses dropped after the first week of classes and before the mid-term date. Full tuition is not refunded after registration. Boarding students may not reduce their total course load below 12 semester hours.

FINAL EXAMINATIONS

The final examination schedule is published at the beginning of each semester. College policy requires faculty members to give final examinations in all courses and to adhere rigorously to the published schedule. Any deviations from this regulation -- canceling a final examination, changing the time or place of a scheduled final examination either for the class or for a particular student, adjusting the prescribed two-hour time limit on final examinations, or any other alteration -- must become the subject of detailed written memoranda between the teacher and the Vice President and Dean of the College.

ACADEMIC PERFORMANCE REQUIREMENTS

Students are expected to maintain minimum grade point averages of 2.0 ("C") or better, both cumulatively and during each term. When mid-term, semester, term, and/or the cumulative grade point averages drop below 2.0, students are academically deficient and subject to the following provisions:

Withdrawal From A Course

If withdrawal from a specific course is accomplished within one week following the distribution of mid-term grades, or if withdrawal from College is accomplished no later than the last day of classes in any given semester, the permanent record will show grades of "W" for the courses involved.

Academic Warning

Students whose cumulative grade point averages are above 2.0 but whose semester grade point averages are below 2.0 in any one semester are advised of the status of ACADEMIC WARNING.

Academic Probation

Students otherwise eligible for re-enrollment, but with cumulative grade point averages below 2.0 at the close of any semester, term or summer grading period, are placed on ACADEMIC PROBATION. A student may also be placed on academic probation when the semester grade point average is below 1.6. The status of academic probation means that students may not rush a sorority or fraternity nor may they hold positions of leadership in student organizations including, but not limited to, student publications, sororities, fraternities, ensembles, and other societies. An office held by a student placed on probation shall be declared vacant immediately.

When the status of academic probation is imposed upon students, they must, in the next succeeding semester or term, exhibit improved academic performance or face Academic Suspension

Academic Suspension

Students are subject to suspension when the cumulative grade point average falls below 1.7 at the conclusion of the second semester of attendance, below 1.85 at the conclusion of the fourth semester of attendance, or below 2.0 at the conclusion of the sixth or subsequent semesters of attendance.

Transfer students must meet the same performance standards relative to the number of semesters they have attended a regionally accredited college or university.

A student is suspended at the conclusion of any semester in which the cumulative grade point average falls below 1.0 or at the conclusion of any semester in which the student receives "F" grades on all three or four semester hour courses.

A student who has qualified for suspension a second time will not be eligible for future enrollment at Florida Southern College.

Retaking Courses

Students may be assisted in the improvement of cumulative grade point averages by the privilege of retaking courses at Florida Southern in which "D" or "F" grades were earned at Florida Southern. This privilege does NOT apply to courses in which grades other than "D" or "F" were earned. Upon successful completion of these courses, the original grades will no longer be counted in the determination of cumulative grade point averages although they will remain on the permanent academic record. It should be noted that even though any such course may be repeated as many times as necessary, it is only once that the original "D" or "F" grade may be "forgiven." In situations where the "D" or "F" courses in question are not available or no longer offered, appropriate "near-alikes" may be substituted at the discretion of the Dean and Department Chair.

Withdrawal From College

Official withdrawal from the College is granted by the Vice President and Dean of the College upon formal request by the student. Failure to attend classes or merely giving notice to instructors is not considered as official notice. A student who withdraws without official clearance automatically suspends himself, and a grade of "F" is recorded for all courses in progress at the time of withdrawal. Withdrawal does not preclude suspension for academic or other reasons.

Before withdrawal, clearance must be secured in the following order:

1. A full-time student must have a conference with the Vice President for Student Life.
2. Parents or guardians of dependent students are notified of the withdrawal in writing or through telephone conference with the Office of the Vice President for Student Life.
3. Any student receiving financial assistance from the College must have a conference with the Director of Student Financial Aid.
4. All students must obtain financial clearance from the Business Office.
5. All students who withdraw must have a conference with the Vice President and Dean of the College after completion of the previous steps.
6. All students who withdraw during a semester must surrender their picture identification card to the Office of the Vice President for Student Life.
7. Official withdrawal and assignment of grades are granted by the Vice President and Dean of the College only after completion of the foregoing steps.

A part-time or special student may withdraw at the Registrar's Office.

Transient Student Permission

Students planning to take courses as transient students at other institutions (e.g., in summer sessions) should note that 1. they must have a minimum 2.0 grade point average at Florida Southern; 2. approval to attend another institution must be obtained in advance from the Florida Southern College Registrar; 3. courses passed at the "C" level or above at another regionally accredited institution may be transferred to Florida Southern College for credit of hours toward graduation but will not alter the student's Florida Southern grade point average; 4. the maximum number of hours which can be transferred from a community or junior college is 62; 5. students who have or will have earned 75 semester hours credit are ineligible to attend a community or junior college.

ACADEMIC PROGRESS REQUIREMENTS FOR VETERANS

Students who are supported financially by the Veterans Administration, Department of Veterans Benefits, are subject to Academic Performance Requirements stated above. However, the veteran who is on academic probation for more than two consecutive semesters or four evening program terms will no longer receive V.A. benefits.

INTERCOLLEGIATE ATHLETIC ELIGIBILITY

A student-athlete who has completed at least one academic year in residence at Florida Southern shall be required to satisfy the following minimum academic progress requirements for intercollegiate athletic eligibility:

1. Eligibility for financial aid and practice during each academic year following the student-athlete's initial year in residence shall be based upon the rules of Florida Southern College and the conference of which Florida Southern is a member.

2. Eligibility for regular-season competition following the student-athlete's first academic year in residence shall be based upon: (a) satisfactory completion, prior to each term in which a season of competition begins, of an accumulative total of semester hours of the academic credit required for a baccalaureate degree in a designated program of studies at Florida Southern which is equivalent to the completion of an average of at least 12 semester hours during each of the previous academic terms in which the student-athlete has been enrolled, or (b) satisfactory completion of 24 semester hours of acceptable degree credit since the beginning of the student-athlete's last season of competition.

3. The calculation of credit hours shall be based upon hours earned or accepted for degree credit at Florida Southern. Hours earned in the period following the regular academic year at the institution (e.g. hours earned in summer school) may be utilized to satisfy academic credit requirements of this regulation.

4. A graduate student who is otherwise eligible for regular-season competition shall be exempt from the provisions of this regulation.

ACADEMIC INTEGRITY

Academic dishonesty, cheating, plagiarism, and other violations of academic integrity are causes for suspension from the College. Responsibility for dealing with violations initially lies with the faculty member. Cases may be brought to the Dean of the College, or, through the Dean of the College, to the Academic Standards Committee. Hearings may be established at the request of faculty members or students. Each case of academic dishonesty, however handled, is reported to the Vice President and Dean of the College as a matter of record.

ACADEMIC GRIEVANCE PROCEDURES

The Academic Standards Committee establishes these procedures to insure due process in the resolution of grievances arising from dispute over academic matters. Cases in which resolution has not been achieved by informal negotiations among students, faculty members, or the Dean of the College, may be remanded by the Dean of the College to the Academic Standards Committee for adjudication.

The Academic Standards Committee will consider each case, has the authority to make determinations and to impose appropriate sanctions, and will make every effort to preserve both the substance and appearance of impartiality and fairness. In the event that a member of the Committee is directly involved in the case, that member is expected to abstain from voting. If the chair of the Committee is directly involved in the case, the Committee will elect a chair, pro tem.

All appropriate cases are heard by the Committee upon written request of the plaintiff to the Dean of the College. The Committee is convened at its earliest convenience. The written request and rejoinder, if any, is made available to all entitled parties prior to the hearing.

During the hearing, oral presentations including supporting evidence, testimony of witnesses, and other information and sources may be made by both plaintiff and defendant either in closed, separate sessions or collectively as the Committee may determine.

The Committee members may question all parties concerned and their witnesses, and may delay decision or postpone the hearing pending availability of information.

At the conclusion of the hearing, the vote is taken by secret ballot, the results being communicated in writing by the chair to the parties involved.

PROGRAMS OF STUDY THE LIBERAL ARTS AND SCIENCES

Consistent with Florida Southern's essential purpose to be a liberal arts college, its academic program is designed to provide opportunities for students to major in arts and sciences: Art, Biology, Chemistry, Economics, English, History, Mathematics, Music, Physics, Political Science, Psychology, Religion-Philosophy, Sociology, Spanish, and Theatre.

PRE-PROFESSIONAL PROGRAMS

Within the traditional liberal arts and sciences majors and the pre-professional programs described below, student academic programs may be tailored to meet the varying requirements of graduate and professional schools. These pre-professional programs include:

Pre-Medical, Pre-Dental, and Pre-Veterinary Studies -- The student who plans to study medicine, dentistry, or veterinary medicine should plan a program to prepare for the broader responsibilities expected of the physician, dentist, or veterinarian closely related to, although separate from, his professional competence. The professional schools provide adequately for this training, but they do not offer the broad and essential liberal arts and sciences education.

Pre-professional students may major in any department or division -- the humanities, social sciences, or natural sciences. However, there are certain courses required for admission to medical or dental schools.

The majority require the following in natural science: sixteen semester hours of chemistry, including organic chemistry; eight semester hours of physics, and eight semester hours of biology. Florida Southern College advises pre-medical, pre-dental, pre-veterinary students to meet more than this suggested minimum, but to avoid overemphasis in the natural sciences. Recommended programs include two to three years of chemistry, two years of biology, one year of physics, and one to two years of psychology.

Pre-Nursing Studies -- Florida Southern College offers a core liberal arts and sciences curriculum which may be used to satisfy requirements for the baccalaureate degree in nursing. The student may transfer to a school of nursing in the third year of study to complete those professional courses required by the nursing school of choice.

Pre-Physical Therapy Studies -- Pre-Physical Therapy is a four-year program under the guidance of the Biology Department that includes over 700 hours of supervised internships in physical therapy. The program is geared for entering freshman only and is limited to 30 students.

Students accepted for the program must have a 3.5 GPA by the end of their third semester at Florida Southern to be eligible for internship opportunities.

Due to the competitive nature of this program, all applications must be received by February 1 with final decisions made no later than March 1.

Pre-Law Studies -- Florida Southern College's broad liberal arts and sciences program gives a pre-law student excellent preparation. A pre-law student generally elects a major in one of the social sciences or the humanities. Along with major study, a pre-law student might profitably take courses in government, history, political science, economics, criminology, sociology, religion, philosophy (logic, ethics), psychology, accounting, speech, English literature, and foreign language.

Pre-Theological Studies -- A minister needs a broad liberal arts and sciences education. While there is no specific program for pre-theological study, the Association of Theological Schools recommends courses in the following subjects be included: English literature, European history, political science, economics, psychology, religion, and history of philosophy.

Pre-Engineering Studies -- The pre-engineering curriculum is less flexible than other pre-professional study areas. The student should consult the engineering school of choice for its requirements. Courses in mathematics, chemistry, and physics are required in pre-engineering study.

The 3-2 Engineering Program is a joint degree program between Florida Southern College and the engineering schools of private universities. It is a five-year program during which the student takes three (3) years of academic work at Florida Southern College and the final two (2) years at either the University of Miami or Washington University in St. Louis. Interested students should consult faculty advisors in the College's Department of Chemistry and Physics.

Pre-Forestry Studies -- Florida Southern cooperates with Duke University coordinating the Environmental Concentration of the Biology major, leading to a bachelor of science degree from Florida Southern College with entrance requirements for the various graduate degrees (M.F., M.E.M., M.A., M.S., Ph.D.) offered through the Duke University School of Forestry and Environmental Studies. For further information consult the chair of the Biology Department.



PROFESSIONAL PROGRAMS

An important purpose of Florida Southern College is to offer academic programs preparing students for vocational choices. Included among the professional academic programs are Accounting, Business Administration, Citrus, Environmental Horticulture, Education: Prekindergarten/Primary/Elementary/Specific Learning Disabilities/ Secondary, Communication (including concentrations in journalism, public relations, and advertising), Sports Management, and Criminology. The program in Business Administration allows concentration in Computer Information Systems, Finance, Hotel/Resort Management, Human Resources Management, International Management, Marketing, and Paralegal Studies and Law Office Management. These professional majors and concentrations are supported by a strong liberal arts and sciences core of courses. One advantage of this is to facilitate changes in vocation which often occur after graduation or even after a number of years in a profession. In many of the professional programs, field experience is an integral part. Coursework is also designed to enable students to proceed directly to graduate work upon completion of the bachelor's degree.

Some additional major programs reflect interdepartmental collaboration.

The **Marketing-Citrus program** is designed to meet increasing citrus industry needs for college graduates who are knowledgeable in both business and citrus. It may be arranged as (1) a business administration major with supportive courses in citrus, or (2) a citrus major with supportive courses chosen from business administration, accounting, and economics. Supportive courses are chosen with the approval of the student's advisor.

The **Music Management program** is designed to meet the needs for music management among college graduates knowledgeable and proficient in both music and business. It is a combination of music and business courses carefully selected to prepare the graduate for successful achievement in the many-faceted music management field. In addition to the required courses and supportive courses, a program is provided for practical field experience.

The **Sports Management program** combines courses in Physical Education and Business Administration. It is designed to develop graduates knowledgeable about sports who can also serve the business interests of professional sports organizations. In addition to the required and supportive courses, the program also includes practical field experience under the supervision of faculty members and preceptors--operators and managers of sports enterprises.

TEACHER EDUCATION

Florida Southern College offers programs of teacher education in Elementary Education, 1-6; Prekindergarten/Primary/Elementary Age 3-Grade 6; Elementary Education, 1-6/Specific Learning Disabilities K-12; Specific Learning Disabilities K-12; Secondary Education: Art Education K-12; Biology; English; History; Mathematics; Music Education K-12; Foreign Language K-12 (Spanish); Physical Education, K-8; Physical Education, 6-12; Political Science, 6-12; and Social Science, 6-12. These programs are approved by the Florida State Department of Education to satisfy the educational requirements for the baccalaureate degree and initial teacher certification in Florida. State mandated approved program changes are usually modest; however, those prospective Education students entering FSC in the Fall 2000 and after should expect some changes to program requirements during their junior-senior years. Every effort will be made to assist students in completing program requirements within the normal four year baccalaureate period.

Transfer Students

A maximum of two courses or six semester hours of credit in professional education coursework may be transferred to Florida Southern College. Transfer students beyond the sophomore year must meet all teacher education admission requirements before enrollment in professional education classes.

Admission

Students who intend to study in any of the teacher education programs at Florida Southern must apply for admission to the program during the second semester of the sophomore year. Transfer students must apply for and be admitted to Teacher Education before enrolling in upper division classes. Application forms are available in the Education Department Office. The application deadline for the Fall 2000 semester is Wednesday, October 4. The Spring 2001 deadline is Friday, February 2. Late Applications cannot be accepted.

Students who meet the following criteria are eligible for admission to teacher candidacy:

1. submitted a completed Application and Admission Record form,
- 2a. pass all four subtests of the CLAST and
- 2b. earned an overall cumulative grade point average of at least 2.5 on a 4.0 scale for all undergraduate studies; or
3. completed the requirements for a baccalaureate degree from any college or university accredited by a regional accrediting association as defined by state board rule.

Retention Standards

1. Establish and maintain a 2.5 grade point average in the major beyond the sophomore year.
2. Receive grades of "C" or better in all Education courses.
3. Maintain satisfactory progress toward the acquisition of the Twelve Accomplished Practices.
4. Maintain satisfactory completion of required field-based units and assignments.
5. Pass the F.T.C.E. and the subject area test(s) prior to graduation.

A student who becomes ineligible to continue in the program is placed on departmental probation for one semester. If the deficiency is not corrected within that time period the student is withdrawn from the department and cannot continue enrollment in Education courses. When eligibility has been reestablished, a student may reapply for admission to teacher education by a written request to the Chair, Education Department, Edge Hall.

Admission and Retention Committee

The Teacher Education Admission and Retention Committee is composed of three Education Department faculty and one faculty member from secondary or K-12 programs. The committee meets each semester to review the applications of each candidate and the status of each admitted teacher education student with regard to:

1. qualities regarded as essential for effective teaching, to include: personality, ability to speak and write the English language effectively, minimum standards of physical and mental health,
2. continued satisfactory progress of admitted students in the areas of GPA and field experiences, and
3. continued coursework of students not yet admitted to the teacher education program.

The committee shall make recommendations to the Department regarding probation and conditional admission of students to the Education Department. The committee chair may elect to bring individual cases to the full departmental faculty for action.

It is the responsibility of each Education Department faculty member to submit to the Chair of the Admission and Retention Committee the name(s) of any student(s) about whom an admission and/or retention question exists.

Field Studies Experiences (refer to Program descriptions)

One (1) hour each. **PREREQUISITE:** Application and Official Admission to Teacher Education. **REQUIREMENTS:** Weekly Attendance and a Reflective, Analytical Journal that is submitted weekly.

PREK/PRIMARY, ELEMENTARY, SLD, AND ELEMENTARY/SLD:

All **PreK/Primary, Elementary, SLD, and Elementary/SLD** majors in the Education Department will take EDU 301, EDU 302 and EDU 303 following the appropriate four-year degree schedule or transfer schedule. This means that typical four-year candidates would take EDU 301, 302, and 303 in consecutive semesters starting with the first semester of their junior year. The Director of Field Studies Experiences will assign education majors to an appropriate Professional Development School in Polk County. Field studies students will report to the assigned school for the “full-day” on Tuesday of each week. Field studies students are responsible for providing their own transportation. A grade of “P” (passing) is required to take the next level of field studies experiences. A grade of “W” or “F” will result in the course being repeated until a grade of “P” is obtained. A passing grade must be obtained in all three sections of field studies experiences for a teacher education candidate to be accepted for the senior internship.

SECONDARY:

All secondary education subject matter majors are required to take EDU 301 and 302. The Director of Field Studies Experiences will assign secondary education majors to an appropriate Professional Development School at the middle and/or high school level. Secondary education majors will be assigned a placement in their major field of study (eg. English, Mathematics, etc.). Secondary education majors register for EDU 301 and EDU 302 for three (3) hour blocks of time that are compatible with their on-campus class schedules. Typical secondary education majors would take EDU 301 and EDU 302 starting in the second semester of their junior year. Field studies students are responsible for providing their own transportation. A grade of “P” (passing) is required to take the next level of field studies experiences. A grade of “W” or “F” will result in the course being repeated until a grade of “P” is obtained. A passing grade must be obtained in both sections of field experiences for a teacher education candidate to be accepted for the senior internship.

NOTE: Transfer students, entering as juniors, should enroll in field studies experiences during their first semester on campus.

SENIOR INTERNSHIP - Twelve (12) Hours.

PREREQUISITES TO QUALIFY FOR SENIOR INTERNSHIP

1. Application and Official Acceptance to Teacher Education.
2. A Grade of “P” in all Field Studies Experiences.
3. A Grade of “C” or better in all Professional Education courses.
4. Senior classification.
5. A minimum grade point average of 2.5 on a 4.0 scale in the subject area.
6. An acceptable Professional Teaching Portfolio to Education advisor the semester prior to internship.
7. Submission of Application for Official Acceptance to Senior Internship in the semester prior to the internship semester following departmental guidelines provided by The Director of Field Studies Experiences.
8. Removal of all deficiencies, if any, by deadlines posted by The Director of Field Studies Experiences.
9. Attendance at **ALL** meetings regarding senior internship called by the Director of Field Studies Experiences.

Upon acceptance of the teacher candidate to Senior Internship, The Director of Field Studies Experiences, in conjunction with a representative from the Human Resource Development Office of Polk County Schools, will offer the teacher candidate an appropriate internship placement within the Polk County School District. The senior intern is responsible for providing transportation to the school assigned. The assignment will represent the major certifi-

cation area(s) of the candidate and will be under the direction of a Florida Certified Teacher, who has received clinical supervision training and who has received the recommendation of the school principal as an effective classroom teacher. Over the fourteen (14) week semester, the senior intern will gradually accept the responsibilities and duties of the full-time classroom teacher, who is acting as the Directing Teacher. A grade of "C" or better is required to pass the senior internship and to meet State of Florida Certification Requirements. Because of the importance of Senior Internship, Florida Southern College does not allow interning students to work on campus or take additional coursework while interning.

FTCE

Education majors are required to take the Florida Teacher Certification Examination during the senior year. Students must successfully pass the FTCE and Subject Area Tests to receive Florida Southern's professional endorsement. Upon graduation they are eligible to receive initial teacher certification in Florida.

Certification Rules

Changes in Certification Rules that are mandated by the Florida State Department of Education will become requirements of the Education Department at Florida Southern College.

As of July 1, 1988, the State of Florida began requiring a 2.5 grade point average in the specialization area for initial certification. Florida Southern requires a 2.5 grade point average in the specialization area for eligibility for Senior Internship. Therefore, students must take care to establish and maintain satisfactory grade point averages during their junior and senior years.

State Approved Teacher Education programs require the demonstration of competencies on both written (FTCE and CLAST) and performance (POP) standards for which the College is held accountable. Therefore, students must complete their major requirements within a seven-year period to be eligible for a professional endorsement from Florida Southern College.

Education Major Without Certification

Students who do not intend to teach or apply for certification may earn a Bachelor's degree with a major in Education by completing all course requirements listed for a selected area of certification or any major offered by the Education Department with the exception of those courses taken during the student teaching semester: EDU 464 and 466. Students selecting this major must complete a minimum of 42 semester hours in Education and have the approval of the Education Department. Declaration of this major must be made in writing to the Chair of the Education Department.

This degree option is intended as a liberal arts degree for those persons seeking a broad undergraduate preparation with emphasis in the field of Education. It is not designed to prepare an individual for teaching and does not include the College's professional endorsement for teacher certification. If a student later decides to complete certification requirements, all admission and program standards must be met prior to student teaching.

Students Who Hold a Bachelor's Degree

Florida Southern College will assist post-baccalaureate teacher certification candidates in selecting appropriate courses to meet their needs; however, the College (or individual faculty) does NOT assume responsibility for evaluating transcripts or determining courses needed for certification.

Students who already hold a bachelor's degree and who wish to become certified to teach are expected to meet the same general college admission standards required of degree-seeking students.

Interested persons who already hold a baccalaureate degree from a regionally accredited institution of higher education may complete work for initial teacher certification in Florida through Florida Southern College with adherence to the following policy:

1. Certified teachers and post-degree teacher certification candidates are welcome to take professional education coursework through Florida Southern College for initial certification, renewal, or add-on certification; HOWEVER, NEITHER FLORIDA SOUTHERN COLLEGE, NOR THE EDUCATION DEPARTMENT, ACCEPTS RESPONSIBILITY FOR ADVISING POST-BACCALAUREATE DEGREE STUDENTS IN COURSE SELECTION FOR INITIAL FLORIDA TEACHER CERTIFICATION.
2. Student teaching is designed for undergraduate degree-seeking students. Post-degree teacher certification candidates may student teach through Florida Southern College ONLY UNDER THE FOLLOWING CONDITIONS:
 - a. if they hold a bachelor's degree from Florida Southern College in a discipline or major for which the College has a state-approved program of teacher education; or
 - b. if they complete the equivalent of a major at Florida Southern in an approved program area; or
 - c. if they have a degree from another institution and wish to seek a second Bachelor's degree from Florida Southern College; and
 - d. if all professional preparation coursework is completed at Florida Southern College. All specialization coursework must be completed within a seven-year period or competency must be demonstrated by a passing score on the FTCE Subject Area Examinations.
3. All admission standards, retention criteria, and student teaching eligibility requirements for undergraduate degree-seeking students apply fully to post-degree certification candidates seeking to student teach at Florida Southern College, including:
 - a. 2.5+ grade point average in the specialization areas and all degree work attempted;
 - b. passing scores on all subtests of the CLAST;
 - c. satisfactory field hours to be determined by advisor; and
 - d. recommendation of the major department.
4. Eligibility to student teach through Florida Southern College is a privilege for which all students must qualify by meeting all policy requirements and approval of the Education Department.
5. Florida Southern College will provide a professional endorsement only for those post-degree students who have satisfactorily completed all teacher education requirements, including student teaching through Florida Southern College.

Additional information on certification requirements is available in the Education Department Office.

HONORS PROGRAM

The Florida Southern College Honors Program offers academically talented students the opportunity to engage in stimulating interdisciplinary coursework with some of Florida Southern's most gifted professors. The Freshman and Sophomore years in the Honors Program feature seminars team-taught by professors from different disciplines. The Junior and Senior years offer selected students the opportunity to develop a Senior thesis, an Honors project, or some other means of creative expression. The coursework in the Honors Program is academically challenging and dynamic. Other cultural opportunities will enhance the experience of the students and faculty engaged in the Honors Program. Membership in the Honors Program at the freshman and sophomore levels is by invitation of the Honors Committee, and is based upon a prospective student's academic performance in high school, admissions tests, and a required essay. Contact the Office of the Vice President and Dean of the College for further information.

THE UNITED NATIONS SEMESTER

The College cooperates with Drew University in Madison, New Jersey, and the United Nations in offering a Drew Semester on the United Nations. Junior students, selected on the basis of character and academic excellence, may spend one semester at Drew University studying various aspects of this world organization. The program consists of a seminar on the United Nations, led by members of various delegations, and an intensive research project on one of the constituent parts of the United Nations, in addition to attending regular courses on the campus of Drew University. Approximately fifteen hours of credit may be earned toward a Florida Southern College degree. Application should be made through the Office of the Vice President and Dean of the College.

WASHINGTON SEMESTER

Florida Southern College participates in the Washington Semester of the American University in Washington, D.C. Junior students, selected on the basis of character and high academic achievement, may spend a semester in Washington studying government and international relations.

Approximately fifteen hours of credit may be earned toward a Florida Southern College degree. Applications should be made through the Office of the Vice President and Dean of the College.

STUDY ABROAD

Students interested in study abroad opportunities have a wide selection of choices. While Florida Southern does not maintain a regular overseas study center, we have made a number of connections which offer students a variety of attractive options. Florida Southern has a long-standing relationship with Harlaxton College in Grantham, England, the overseas branch of the University of Evansville (Indiana). For those students preferring the advantages of study in a world center, we have also established contacts with Regent's College in central London. Florida Southern maintains membership in the College Consortium for International Study (CCIS), providing its students access to over seventy study abroad programs in virtually every major country around the world. Other Florida Southern students have taken advantage of study abroad programs taken directly through universities in Europe, Asia, Australia, South America, and Central America. Some curricula abroad require fluency in the language of the host country. Other programs offer intensive intermediate or advanced study in the language as the initial phase of the program. Florida Southern students have studied French in Nice, [Spanish in Spain, Mexico, and Venezuela,] science in England, and marine biology in the Bahamas and Belize. Since 1997, Florida Southern has maintained a special relationship with the Center for Bilingual Multicultural Studies in Cuernavaca, Mexico which allows our students to engage in intensive study of the Spanish language. Florida Southern is committed to making study abroad available to as many students as possible. Contact the Office of the Vice President and Dean of the College for further information.

MAY OPTION

The May Option Program provides students of Florida Southern College a unique way to elect coursework that provides the advantages of studying in another country and experiencing that culture with those of participating in courses that are already approved for Florida Southern credit and are taken with our own professors and fellow students. The short-term courses, approximately one month in length, vary annually, and are frequently courses that will not be available elsewhere in the Florida Southern curriculum. The courses are developed cooperatively by students, faculty members and the administration to provide innovative and intensive study.

Since 1979, an annual May Option program has been conducted in England for students and faculty members of Florida Southern College. Using the castle-like facilities of Harlaxton College near Grantham in Lincolnshire, students take two three-hour courses and intersperse study with travel on long weekends. Beginning with the 1999 program, the experience in England has been broadened to give students the advantage of an intensive academic and cultural experience in London as well, making use of the fine facilities at Regent's College in the heart of London's Regent's Park.

The cost of the program is approximately \$4,000, which includes tuition, air transportation, room, meals, and selected field trips to sites chosen to enhance the educational and cultural experience of studying in these marvelous settings. Additional expenses may be anticipated for elective travel and incidentals during the four weeks of the programs, and these expenses are borne by the individuals. Application for the May Option program in England should be made through the Office of the Vice President and Dean of the College early in the academic year during which participation is intended. The program is open to students who have at least a 2.0 cumulative grade point average and who are not on social probation.

ARMY RESERVE OFFICERS TRAINING CORPS

The Army Reserve Officers Training Corps (ROTC) at Florida Southern College is open to both men and women. The objective of the Army ROTC curriculum is to produce junior officers possessing those leadership qualities and attributes essential to their progressive development in the active Army, Army Reserve and Army National Guard. It provides the student with an appreciation of the responsibilities of the American citizen in contributing time, talent and energies to the protection of liberty. While leadership training is emphasized, ROTC also instructs marksmanship, land navigation and survival skills.

The ROTC curriculum is separated into two courses: the Basic Course and the Advanced Course. The Basic Course encompasses the freshman and sophomore years and incurs no service obligation, unless on ROTC scholarship. Upon completion of the Basic Course, the ROTC student who elects, and is selected, to enter the Advanced Course (junior, senior), continues to develop ability in evaluating situations, decision making and practicing traits considered essential in an effective leader. All classes are supplemented by a two-hour practicum in leadership each week, during fall and spring semesters.

Florida Southern's ROTC program offers great opportunities for adventure. The campus-affiliated Adventurer's Club, organized and run by cadets, offers activities such as indoor rock climbing, canoe trips, laser tag, paint ball, beach parties and fishing trips. Other opportunities are found in a variety of summer schools. Cadets can find themselves jumping out of planes, rappelling from helicopters or rock climbing in Alaska. Each year, Florida Southern's program sends cadets to Airborne, Air Assault, Northern Warfare, Basic Camp, Advanced Camp and Cadet Troop Leadership Training.

Entrance into the Advanced Course is not open to all students completing the Basic Course, but only to those whose ROTC and academic records are such to warrant the belief they will become qualified officers in the Army of the United States. Students with prior military service with at least 60 or more credit hours may enroll in the Advanced Course if physically and academically qualified. Advanced Course students are required as a condition of enrollment, to sign a contract with the United States government whereby the student agrees, in return for payment of subsistence, to complete the entire Advanced Course and to accept a commission in the United States Army Reserve.

Advanced Course students are paid a monthly subsistence of \$150.00. Advanced Course enrollees are also paid while attending a six-week Advanced Camp, normally completed during the summer following their junior year. In addition, the College awards three semester hours credit to graduates of the Advanced Camp.

ROTC students also have the opportunity to compete for scholarships that pay for 100 percent of tuition, room and board.

Enrollment in the Reserve Officers Training Course is voluntary. However, the student must be a citizen of the United States, not less than 17 years of age, a full-time student at Florida Southern College, physically qualified and not more than 30 years of age on the day of graduation. Citizens of foreign countries may enroll under special provisions and should contact the Professor of Military Science for specific details.

DEGREE REQUIREMENTS THE UNDERGRADUATE PROGRAM

Florida Southern College offers courses leading to the Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Nursing degrees. *The specific nature of the academic major program pursued by the student determines which degree is to be awarded. However, candidates for each of these degrees fulfill these academic course requirements and academic standards:

- A. One hundred twenty-four (124) semester credit hours from regionally accredited colleges or universities. A maximum of one-half the required semester credit hours (62) may have been earned at a junior/community college. After completing 93 hours, a student must finish the remaining credits at Florida Southern College. (Some degree programs require more than 124 semester hours. For details, see requirements listed under specific majors.)
- B. Grade point average of 2.0 ("C") in all academic work attempted at Florida Southern College.
- C. Grade point average of 2.0 in all coursework in the major department, one-half of which must have been satisfactorily completed at Florida Southern College.
- D. An academic major in a department or division of the College.

*For more information relative to the Bachelor of Music, Bachelor of Music Education, and Bachelor of Sacred Music degrees core requirements, see page 76.

CORE CURRICULUM

As a liberally educated person, every student at Florida Southern College is expected to complete the following Core Curriculum with passing grades:

1. English 101, 102, Effective Writing (six hours). Ordinarily, students must be enrolled in English upon matriculation and in consecutive semesters until English core requirements are met. These must be completed prior to the junior year.
2. History 101 or 102, Western Civilization (three hours).
3. Mathematics 106, College Algebra, or its equivalent, and one other mathematics course above the level of College Algebra. (six hours). These must be completed prior to the junior year.
4. Humanities (nine hours). Literature: One sophomore literature course (three hours). Religion: 205 and 206, Religion of the Bible, or either 205 or 206 and one other course in religion or philosophy except Philosophy 207, Logic (six hours). Students taking the Bachelor of Arts degree may not submit one philosophy course to meet both the B.A. and the Core Curriculum requirements.
5. Natural Science (eight hours)

Two four-hour laboratory sciences are required. The following courses are suggested:

Astronomy 110
Biology 106 and Physical Science 105;
Biology 110 and Biology 205 or 206;
Biology 205 and 206;
Biology 209 and 210;

- Chemistry 111 and 112;
 Geology 190
 Horticulture 207.
6. Social Sciences (six hours)
 Six hours chosen from among courses in criminology, economics, geography, history (in addition to #2 above), political science, psychology, or sociology, except that no more than three of the six hours may be in history.
 7. Fine Arts (three hours outside one's major area)
 One of the following courses:
 Art 170, Great Works of Art;
 Music 164, History of Jazz;
 Music 165, Great Works of Music;
 Theatre 109, Introduction to the Theatre
 or, a course of three credit hours in the history of art, music, or theatre.
 8. Physical Education (two hours)
 Physical Education 105, Wellness Management; plus any one-hour skill course or one hour of Military Science Practicum in Leadership.
 9. Faith and Life Convocation full-time students will meet Convocation requirements by attendance at the monthly Convocation Series during each semester of attendance at the College.

MAJOR REQUIREMENTS

Course requirements for each departmental and divisional major are found in the introductory paragraphs of each of the department-division course offerings in this Catalog. Students may present no more than 42 hours in the major within the 124 hours required for graduation. Exceptions to this are: Art, Athletic Training, Music, Music Education, Prekindergarten/Primary, Elementary, and Special Education and Theatre Arts.

Students may elect (1) to take a second major, (2) to take additional courses in specially emphasized curricula in the major and/or related fields, or (3) take work beyond the general limit of 42 semester hours in the major. Students who elect to pursue these options and other special programs and situations are earning above 124 hours and therefore may be obligated to spend additional semesters or summer sessions in residence in order to complete requirements imposed by these additional options. The College may not be able to make available the opportunity for any student to take coursework in all desired options within the student's eight semesters of college work. It will, however, make accommodations enabling students to achieve a reasonable range of educational objectives within eight semesters.



Declaration of Major/Concentration/Minor

An academic major is an integral part of the degree program. While declaration of a major is essential in the first year of some programs (music, chemistry, and theatre, for example), for other major programs, declaration may be deferred until the beginning of the junior year.

In some academic departments, it is possible to specialize -- that is, to take a series of courses that represents a specific concentration within a major. Note the options within Business Administration and Communication, for example.

Students are free to pursue coursework leading to a second major, a second concentration, and minors. Departmental course requirements for majors and concentrations are outlined in the section of this Catalog dealing with titles and descriptions of each department's courses.

Unless otherwise noted, a minor is fulfilled by passing eighteen hours applicable to the major (selected in consultation with the department chair) in a single subject area. A 2.0 average is required, and one-half of the coursework must be completed at Florida Southern College.

THE M.B.A. PROGRAM MASTER OF BUSINESS ADMINISTRATION PROGRAM OBJECTIVES

Florida Southern College offers the Master's Degree in the special fields of Accounting and Business Administration.

Graduate courses are offered during two 15-week semesters, and two 7-week terms in the summer, beginning in early May and extending through early August.

DEGREE REQUIREMENTS

The credit hour requirements for all curricula in the graduate program are 36 semester hours of graduate level courses, 30 of which must have been earned at Florida Southern College.

Business Administration

Thirty-six semester hours as follows:

- ACC 610 - Managerial Accounting and Control
- BUS 601 - Marketing and Management: Problems and Policies
- BUS 602 - Organizational Behavior and Communication
- BUS 603 - Business Ethics
- BUS 604 - Financial Management: Advanced Studies
- BUS 605 - Management Science
- BUS 606 - Management Information Systems
- BUS 610 - Human Resources Management and Industrial Relations
- BUS 614 - Macro-Finance
- BUS 620 - Business Management Seminar
- ECO 601 - Managerial Economics
- ECO 603 - International Economics

Business Administration - Accounting Concentration

Required Courses (twenty-four semester hours):

- ACC 601 - Advanced Financial Accounting
- ACC 604 - Corporate Taxation
- ACC 606 - Income Tax Planning and Research
- BUS 602 - Organizational Behavior and Communication
- BUS 603 - Business Ethics
- BUS 605 - Management Science
- BUS 606 - Management Information Systems
- BUS 620 - Business Management Seminar

Twelve hours of elective courses chosen from:

- ACC 603 - Advanced Auditing
- ACC 605 - Advanced Managerial Accounting
- ACC 611 - Taxation of Estates, Trusts and the Gift Tax
- BUS 601 - Marketing and Management: Problems and Policies
- BUS 604 - Financial Management: Advanced Studies
- BUS 610 - Human Resources Management and Industrial Relations

BUS 614 - Macro-Finance
ECO 601 - Managerial Economics
ECO 603 - International Economics

When students, otherwise eligible for admission to the graduate program, do not have sufficient undergraduate coursework, they are permitted to take certain graduate and prerequisite undergraduate courses simultaneously. As many as 30 semester hours of undergraduate coursework may be required. Satisfactorily passed CLEP subject examinations are acceptable wherever they parallel the undergraduate courses that are accepted as meeting specific prerequisite requirements. Prerequisites need to be met before enrolling in a 600 level course.

Completion of the M.B.A. program with the concentration in Accounting will allow the student to sit for the Uniform C.P.A. Examination in Florida. Admission to the Accounting concentration presupposes that the candidate holds a baccalaureate degree with a major in Accounting or its equivalent.

Students who are admitted to Degree Candidate status need to complete the degree program, including transient credit, within seven calendar years.

ACADEMIC PERFORMANCE REQUIREMENTS

Graduate students shall maintain a 3.0 grade point average in order to continue in good academic standing. The grade scale in use at Florida Southern College is the traditional 4.0 in which grades of "A" = 4 quality points per credit hour, "B" = 3, and "C" = 2. In courses in the graduate program, no credit is given for those in which a "D" grade is earned and no more than one course with a grade of "C" may be counted toward the graduation requirement of 12 courses or 36 semester hours.

Graduate students whose grade point averages fall below 3.0 at any time are placed on Academic Probation. Elevation of the grade point average to 3.0 or better must be accomplished during the next succeeding semesters or terms in which the student is enrolled for 12 hours. If after the completion of those 12 hours (or four courses), the condition of Academic Probation is not removed, the student is suspended from further participation in the program.

A student is suspended from the M.B.A. program upon making two "C" grades on 600 level courses. On appeal to the Graduate Council, a student so suspended may be granted the privilege of repeating one or both of the "C" courses in a one-time attempt to elevate the grade to an acceptable level. Making an "F" grade on any 600 level course or making two "D" grades on 600 level courses requires the student be suspended from the program.

ADDITIONAL REQUIREMENTS RELATIVE TO ALL DEGREES

While the College makes every attempt to assist the student in the completion of graduation requirements through academic advising, graduation checks by the Registrar's Office, etc., it is ultimately the student's responsibility to insure that all graduation requirements are met.

Effective Date of Requirements

Degree requirements are based upon the Catalog in effect at the time the student enrolls for a degree or is given degree status. With continuous enrollment, any student may elect, however, to be graduated under all the degree requirements of a later Catalog. One may not be graduated under the academic provisions of a Catalog more than seven years old. The degree requirements of the current Catalog shall apply to all students who are readmitted to degree status.

Application for Graduation

Degree candidates need to complete formal written application for degrees. Applications from candidates anticipating graduation in the Spring Semester are due in the Office of the

Registrar on or before December 15. Applications from candidates anticipating graduation in the Fall Semester are due on or before May 1. An interview with the Registrar is required in the semester immediately preceding that in which graduation is claimed in order to assure that all degree requirements are met.

Attendance at Graduation Ceremonies

All candidates for degrees must attend the baccalaureate and commencement exercises.

COURSES OF INSTRUCTION

Courses of instruction are identified numerically and by academic departments arranged alphabetically: Undergraduate courses are assigned three-digit numbers representing the traditional four levels of student progress, freshman through senior. Numbers ending with 1, 2, 3, and 4 are used, in general, to designate courses given sequentially. The first course in the sequence is prerequisite to the second. Courses essential to each major program of study are offered every year. Others may be available in alternate years. All non-computational 100 and 200 level three and four-hour courses will include a 1500 word writing component. English 101, 102, and 200 level courses will include a 6,000 word writing component. Course numbers with an asterisk (*) indicate the presence of an oral communication component, and course numbers with a cross (+) indicate the presence of a computer component.

Graduate courses a 600 level designation.

The College reserves the right to withdraw a course from its semester schedule when enrollment is fewer than six students. The College also reserves the right to change, add, or remove courses from its list without notice. In addition to the range of courses in each of the departmental offerings listed below, the several departments may arrange teaching and learning opportunities as follows:

197-198, 297-298, 397-398, 497-498. EXPERIMENTAL TRIAL COURSES -

From time to time the departments may establish experimental, trial courses to meet the needs of certain groups of students, to test educational hypotheses about course offerings, or to create new course offerings in response to faculty interests within a creative curriculum. Establishment of these courses is contingent upon approval by the respective division chair and the Vice President and Dean of the College, and such courses may be offered a maximum of three times.

460-469. INTERNSHIPS - Departments of the College may schedule courses that are defined as internships or student teaching as in Education. All internships, except in Education, involve a "learning contract" which must be completed by the student, faculty sponsor, and participating agency supervisor **prior to** the beginning of the internship; one hour of credit will be awarded for every forty hours of internship experience.

491-492. DIRECTED STUDY - Students with junior or senior standing and excellent grade point averages may, with the approval of the department chair and the Vice President and Dean of the College, register for advanced topics not listed among the current courses of instruction. Weekly conferences with the faculty director of the project, oral or written examinations, and a paper of some substantial length are among the normal requirements for directed study courses.

493-494. INDEPENDENT STUDY - Students with junior or senior standing and superior grade point averages may, with the approval of a faculty member, the department chair, and the Vice President and Dean of the College, register for independent study. It normally consists of research usually culminating in the presentation of a substantial paper representing independent scholarly effort. Written examinations may be specified.

495-496. SENIOR HONORS - Students of junior or senior standing with 3.5 cumulative grade point averages or better, may, with the consent of a faculty member, the depart-

ment chair, and the Vice President and Dean of the College, register for Senior Honors. An Honors Committee consisting of a faculty member who will direct the project, the department chair, the division chair, the Vice President and Dean of the College, and one other member of the faculty will meet with the Honors candidate, approve the project, be available for advising and counseling throughout the semester, and will formally examine the candidate for Honors at the close of the semester. If the project receives the grade of Honors, a grade of "AH" is awarded and the designation so noted on the permanent record.

499. SENIOR SEMINARS - See specific department course listings.

Within the descriptions of program requirements of each academic department, the degree or degrees which may be earned are identified. Course requirements for each major or for each concentration within the major are given by department abbreviation and course number. Specific course requirements outside the major and designated for purposes of directly supporting major coursework are similarly stated as "supportive requirements."

A minor may be noted in some few departments, but where not specifically stated, the minor is generally understood to be eighteen hours applicable to the major in one subject area.

Proficiency in the language requirement for the Bachelor of Arts degree is understood to be competence equivalent to completion of the second year of any foreign language.

Prerequisites and corequisites are indicated immediately before the description of the course. The hours printed after each course title are semester credit hours.

Abbreviations used throughout the descriptions of programs, majors, concentrations, and courses refer specifically to academic subject areas as follows:

ACC	Accounting	HUM	Humanities
ART	Art	LAN	Language & Linguistics
AST	Astronomy	MAT	Mathematics
BIO	Biology	MIS	Military Science
BUS	Business Administration	MUS	Music
CHE	Chemistry	NUR	Nursing
CIT	Citrus	PED	Physical Education
COM	Communication	PHI	Philosophy
CRM	Criminology	PHY	Physics
CSC	Computer Science	PKP	Prekindergarten/Primary Education
ECO	Economics	POS	Political Science
EDU	Education	PSC	Physical Science
ENG	English	PSY	Psychology
EXS	Exceptional Student Education	REL	Religion
FRE	French	SOC	Sociology
GEO	Geography	SPA	Spanish
GLY	Geology	SPE	Speech
HIS	History	THE	Theatre Arts
HRT	Horticulture	WST	Women's Studies

Accounting

Bachelor of Science

Major requirements: Thirty-three hours including 201, 202, 301, 302, 303, 304, 405, 406, 408, 409, 410.

Supportive requirements: Thirty-three hours including BUS 217, 306, 311, 312, 420, 499, CSC 105, ECO 205, 206, MAT 157, and three hours chosen from among BUS 345, ECO 308, or ECO 406.

Those students who plan to take the Certified Managerial Accounting Examination (CMA) may do so with the Bachelor of Science Degree. Those students who plan to sit for the Uniform Certified Public Accountant (CPA) Examination in Florida must meet the above requirements for the Bachelor of Science Degree and take 30 additional hours to meet the State requirement of 154 semester credit hours. Students planning to meet the 5th year requirement at Florida Southern College with the M.B.A. must be admitted to the Master of Business Administration (Accounting Concentration) Degree Program unless they wish to take graduate courses on a pass/fail basis. *No* such course taken on a pass/fail basis would be acceptable as credit toward the M.B.A. degree. See M.B.A. Program Bulletin for additional information.

In both accounting programs, students are encouraged to take, as electives, additional courses in mathematics, quantitative methods, computer information systems, communications, English, and finance.

In each accounting course, there is at least one required computer application.

201+ ACCOUNTING PRINCIPLES I

Three hours. Accounting for single proprietorships and partnerships.

202+ ACCOUNTING PRINCIPLES II

Three hours. Prerequisite: ACC 201. Accounting for corporations; departmental and manufacturing accounting; and management analysis.

301+ INTERMEDIATE ACCOUNTING I

Three hours. Prerequisites: ACC 202, CSC 105. A detailed study of the conceptual framework of accounting, the development of generally accepted accounting principles, the preparation of financial statements, the determination of income, the procedures related to accounting for inventories, property, plant and equipment, depreciation and depletion, and intangible assets.

302+ INTERMEDIATE ACCOUNTING II

Three hours. Prerequisite: ACC 301. A detailed study of the procedures related to accounting for

current and long-term liabilities, investments, owner's equity, retained earnings and earnings per share, pensions, leases, income recognition and measurement of net assets, and the preparation of the statement of cash flows.

303+ COST ACCOUNTING I

Three hours. Prerequisites: ACC 202, CSC 105. A discussion of the purpose and terminology of cost accounting; cost-volume-profit (CVP) relationships; and principles and methods of accounting for job order and process cost systems.

304+ COST ACCOUNTING II

Three hours. Prerequisite: ACC 303. A discussion of the development of standard cost; the preparation and use of budgets; purpose and use of variance analysis and analysis of cost data for management purposes.

316* MANAGERIAL ACCOUNTING

Three hours. Prerequisite: ACC 202. Needs and uses of accounting data for managerial planning, decision-making, control, and operations. Includes principles of cost and manufacturing accounting. *This course is not open to Accounting Majors.*

335* GOVERNMENTAL ACCOUNTING

Three hours. Prerequisite: ACC 202. Accounting for municipal, county, state governments and agencies; budgeting; financial statements; fund accounting for other not-for-profit organizations.

405*+ FEDERAL TAX PROCEDURE

Three hours. Prerequisite: ACC 302 or permission of faculty. Computation of taxable income and preparation of tax returns for individuals.

406 FEDERAL TAX PROCEDURE

Three hours. Prerequisite: ACC 405. Computation of taxable income; preparation of tax returns for partnerships, corporations, and fiduciaries.

408 AUDITING

Three hours. Prerequisite: ACC 302. Ethics of accounting, auditing standards, and procedures.

409+ ADVANCED ACCOUNTING I

Three hours. Prerequisite: ACC 302. A detailed study of the procedures related to accounting for changes and errors, income taxes, partnerships, estates and trusts, insolvency, and foreign currency fluctuations. A review of special aspects of financial reporting and analysis.

410+ ADVANCED ACCOUNTING II

Three hours. Prerequisite: ACC 409. A detailed study of the procedures related to accounting for combined corporate entities, and the preparation of consolidated financial statements, branch and consignment accounting, and international accounting standards.

460, 461* INTERNSHIP

Three hours each. Prerequisites: Senior standing; permission of faculty; minimum 2.5 grade point average. Correlating theory and accounting practices in two operational settings; supervision by

cooperating practitioners and faculty in several areas of application.

Art

Bachelor of Arts or Bachelor of Science

ART EDUCATION, K-12 B.A. or B.S.

Major requirements: Forty-two hours including ART 102, 103, 104 or 207, 170, 211, 221, 223, 231, 241, 311, 315, 378, 380, and 499. Presentation of a senior exhibition is required.

Supportive requirements, B.A. degree: EDU 206, 209, 301, 302, 303 (elementary teachers only), 310, 325, 430, 465, 467, EXS 210; plus twelve hours or intermediate proficiency in a foreign language; and three hours in philosophy. This degree program requires 134 semester hours for graduation.

Supportive requirements, B.S. degree: EDU 206, 209, 310, 325, 430, 465, 467, EXS 210; plus six hours chosen in consultation with the advisor.

GRAPHIC DESIGN, B.A. or B.S.

Major requirements: Forty-five hours including ART 102, 103, 104 or 207, 170, 211, 241, 242, 341, 351, 352, 378, 441, and 460; plus six hours of art electives. Presentation of a senior exhibition is required.

Supportive requirements, Communication Department: Nine hours to be selected from the following in consultation with the advisor: COM 200, 307, 317, 327, and additional COM courses from new listings.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

Supportive requirements, B.S. degree: Twelve hours selected in consultation with advisor.

STUDIO ART, B.A.

Major requirements: Sixty hours including ART 102, 103, 104 or 207, 170, 211, 221, 223, 231, 311, 312, 315, 378, 499, two of the following three -- 371 or 372 or 377; plus nine hours of junior or senior level courses in one of the following areas: drawing and painting, printmaking, sculpture, or art history; and six hours of art electives. Presentation of a senior exhibition or a thesis is also required.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

102 DESIGN FUNDAMENTALS

Three hours. Elements and principles of two-dimensional design, including: line, color, value, shape, and texture.

103 DRAWING I

Three hours. An introduction to various drawing media and methods of representation in line and tone.

104 DRAWING II

Three hours. Prerequisite: ART 103 or permission of faculty. Exploration of mixed media drawing techniques; emphasis on forms of personal expression and representational development.

160 CONCEPTUAL ART

Three hours. Through the construction of a series of projects, this course introduces students to new and unconventional and/or unfamiliar forms of visual art. The course seeks to instill appreciation for contemporary art forms, to open students to new media and new creative avenues, and to enlighten students to their own expressive abilities and the enrichment possible through creative endeavors.

170 GREAT WORKS OF ART

Three hours. An introduction to selected examples of painting, architecture, and sculpture from pre-historic times to the present.

207 FIGURE DRAWING I

Three hours. Prerequisites: ART 102 and 103 or permission of faculty. This studio class emphasizes drawing from the human figure and includes study of human anatomy.

211 PAINTING I

Three hours. Prerequisites: ART 102 and 103 or permission of faculty. Introduction to acrylic painting; exploration of various painting techniques, painting surfaces, and elements of color.

221 SCULPTURE I

Three hours. Prerequisites: ART 102 and 103. Introduction to the use of traditional and contemporary sculptural media, modeling and plaster casting, clay and paper casts.

223 CERAMICS I

Three hours. Creative pottery making, using various methods of hand building. Students learn to load and fire the kiln.

227 WEAVING I

Three hours. Various methods and techniques of weaving, which may include plain weave on table looms, rug weaving, and use of the inkle loom.

231 PRINTMAKING I

Three hours. Prerequisite: ART 102 or 103 or permission of faculty. Introduction to intaglio and relief printmaking techniques. Monotypes will also be explored.

241 MEDIA-BASED DESIGN

Three hours. Prerequisite: ART 102. Introduction to digital environments and their uses both as tools and media. Technical operation of hardware and software (including Photoshop, Illustrator, QuarkXPress) and learning industry terminology are emphasized. Illustration techniques, design for publication, and use of input/output devices are all investigated.

242 ILLUSTRATION AND TYPOGRAPHY

Three hours. Prerequisite: ART 241. This course covers the fundamentals of typography and illustration -- their theory, practice, technology, and history (software used includes Photoshop, Illustrator, QuarkXPress). A special focus is placed on the study of letterforms, type design, typographic texting and composition, layout and page systems, typographic expression and communication, and type used with images. Additionally, illustration is explored as a narrative, as a visual language, and as a symbol.

247 BASIC PHOTOGRAPHY

Three hours. A study in basic photography, including camera operation, film processing, printing and enlarging. A major emphasis will be placed on lighting, motion, and composition, as well as on the application of the photographic medium in art and communication.

257 VIDEO ART

Three hours. An exploration of video as a medium for artistic expression and social inquiry. An emphasis will be placed on the creation, modification, and activation of space and time using this contemporary medium. The course will include investigations into narrative construction, visual syntax, public discourse, and fine art installations.

307 FIGURE DRAWING II

Three hours. Prerequisite: ART 207. This course emphasizes advanced projects in drawing from the human figure and in the study of human anatomy.

311 PAINTING II

Three hours. Prerequisite: ART 211 or permission of faculty. Introduction to oil painting; an investigation of various techniques using the oil medium; assignments in color relationships.

312 PAINTING III

Three hours. Prerequisite: ART 311. An exploration of various directions in painting with a concentration in one area. Assignments relative to traditional space and the picture plane.

315 WATERCOLOR

Three hours. Prerequisites: ART 102 and 103 or permission of faculty. An exploration of approaches and techniques in painting with transparent watercolor.

321 SCULPTURE II

Three hours. Prerequisite: ART 221. Concentration in selected areas of work: modeling and casting, ceramic sculpture, construction, or carving.

323 CERAMICS II

Three hours. Prerequisite: ART 223. Advanced pottery making, including throwing on the potter's wheel, glaze formulation, and testing of clay bodies.

327 WEAVING II

Three hours. Prerequisite: ART 227. Advanced weaving, which may include pattern weaving, leno lace, clasped weft, and other techniques.

331 PRINTMAKING II

Three hours. Prerequisite: ART 231. Continuation of more advanced intaglio and relief processes including multi-plate color printing techniques. Monotypes and monoprints will be combined in various mixed media prints.

341 GRAPHIC ARTS STUDIO

Three hours. Prerequisite: ART 241. This course will focus on pragmatic aspects of graphic design. The objective is to apply purposefully the knowledge and skills acquired from previous courses (including typography, color, visual translation, illustration, and theory) to a thematic set of "real" problems. Necessary vehicles for information (booklet, brochure, identity, packaging, etc.) will be developed from concept to production. The course is intended to duplicate closely the actual working context of a professional studio situation. Aspects of information design, visual narrative, and semiotics will be explored in the context of both practice and theory.

347 CREATIVE PHOTOGRAPHY

Three hours. Prerequisite: ART 247 or permission of faculty. This course explores alternative and/or non-conventional techniques from pinhole photography to digital imaging. Topics covered include photo-montage, image and text, the narrative sequence, and contextual installations. Students are encouraged to explore the expressive limits of these techniques through weekly assignments and regular critiques.

351 TIME-BASED DESIGN

Three hours. Prerequisite: ART 241. This course explores the effect time has within the digital domain and in the physical world. It places a primary focus on the exploration of digital sound environments, 2-D animation, nonlinear editing, and web-design. The course will deal with screen delivered computer graphics as well as alternative output options.

352 INTERACTIVE DESIGN

Three hours. Prerequisite: ART 351. This course explores the structure of interactivity, user-centered design, interface assessments, intelligent environments, and virtual reality. Projects will involve interactive narrative media and can include such

things as Internet-based publishing, distributable media, or computer-based interactive environments. This course culminates in a fully developed interactive project using a variety of software and the Lingo programming language.

371 ANCIENT AND MEDIEVAL ART

Three hours. Prerequisite: ART 170 or permission of faculty. Survey of art in Western tradition from the Bronze age to the Proto-Renaissance.

372 RENAISSANCE AND BAROQUE ART

Three hours. Prerequisite: ART 170 or permission of faculty. Survey of Western art of the Renaissance and Baroque periods with note of non-Western influences.

377 NINETEENTH-CENTURY ART

Three hours. Prerequisite: ART 170 or permission of faculty. Survey of nineteenth-century art.

378 TWENTIETH-CENTURY ART

Three hours. Prerequisite: ART 170 or permission of faculty. Survey of twentieth-century art.

380 ART FOR TEACHERS, K-12

Three hours. For art education students only. Special methods of teaching art in the elementary and secondary schools. Includes a component on analytical teaching skills related to art pedagogy.

411 PAINTING IV

Three hours. Prerequisite: ART 311. Emphasis on organization and variations of format. The exploration of color as an expressive basis for painting.

415 ADVANCED PAINTING AND DRAWING I

Three hours. Prerequisite: ART 311. Advanced projects in painting or drawing with stress on the development of a personal direction of expression.

416 ADVANCED PAINTING AND DRAWING II

Three hours. Prerequisite: ART 415. Advanced projects in painting or drawing, assignments in a selected medium and stylistic approach.

441 ADVANCED DESIGN STUDIO

Three hours. Prerequisite: ART 352. This course focuses on complex individual and collaborative projects. Emphasis is placed on independence, professional habits and attitudes, and personal design development. Its objective is to focus more clearly one's individual design process and to assist in the development of one's portfolio.

460 FIELD EXPERIENCE

Three hours. Prerequisite: Permission of faculty. Intended to provide on-the-job training during the last three semesters of student work. Following Art Department internship guidelines and in coordination with the art faculty, students will secure an appropriate assignment in the field of their concentration. Summer Field Experiences are encouraged.

499 SENIOR SEMINAR

Three hours. Prerequisite: Senior status in the Art Department. A senior seminar for the development of: 1) a senior exhibition; and 2) a portfolio suitable for presentation to graduate schools, prospective clients, and/or employers.

Astronomy

110 DESCRIPTIVE ASTRONOMY

Four hours. Prerequisite: High school geometry, physics, or PSC 105. A survey of the astronomical universe including planets, stars, galaxies, old cosmology, and new cosmology. Telescopic observations and planetarium demonstration.

Athletic Training Educational Program

Athletic Training Program is a program within the Physical Education Department Admission requirements:

- Available primarily to incoming freshman.
- Second application process including a supplemental application.
- Minimum 1000 SAT or 21 ACT and high school wtd. GPA 3.0 or 950 SAT or 20 ACT and high school wtd. GPA 3.2.
- Faculty phone and/or campus interview.
- Program is Competitive (limited to 10 students per year).
- Application Deadline: February 1st.
- Notification of acceptance by February 15th.
- Must have current ARC CPR/PR/FA Certification.
- **Non-Freshman** - GPA 2.75 plus scores listed above.
- **Retention:** Maintain a 2.75 GPA prior to junior year -- 3.0 major GPA. Current certification ARC, First Responder, CPR/PR and completion of all prerequisite courses on first attempt.

Major requirements: Fifty-two hours including PED 230, 232, 240, 241, 242, 250, 278, 309, 322, 323, 335, 340, 341, 342, 357, 360, 375, 410, 412, and 461.

Supportive requirements: Twelve hours including BUS 217, CHE 311, CSC 105, PSY 214. BIO 209 and 210 must be taken in fulfillment of the science core requirements.

PROFESSIONAL COURSES: All have a PED Prefix

105 WELLNESS MANAGEMENT

Wellness concepts and developmental activities for physical, mental, and social fitness.

230*+ EFFECTS OF DRUGS AND NUTRITION ON PERFORMANCE

Two hours. Emphasis is on the effects of therapeutic medications, performance enhancing drugs and the application of nutrition to enhance sport and physical activity. Attention is directed toward dietary modifications for optimal performance, including issues dealing with alcohol, tobacco, illicit drugs, and pharmacology.

232*+ MEDICAL TERMINOLOGY

One hour. Introduction to the language, rules and concepts needed to interpret and understand the terminology of medicine.

240*+ ATHLETIC TRAINING PRACTICUM FUNDAMENTAL

One hour. Prerequisites: (majors only). This practicum teaches introduction to the profession and provides an opportunity to observe basic entry-level skills, support procedures, and techniques used by athletic trainers in handling and caring for athletic injuries.

241, 242 ATHLETIC TRAINING PRACTICUM - INTERMEDIATE

One hour each. Prerequisites: (majors only), PED 240. This practicum teaches and provides an opportunity to apply frequently utilized techniques under the supervision of certified athletic trainers.

250*+ ADMINISTRATION OF ATHLETIC TRAINING

Two hours. This course will provide students the opportunity to learn principles of organization and administration as they apply to the many different employment settings in athletic training. Students will learn about human resource issues, budgeting and financial management, facility design and planning, information management, insurance issues and legal considerations in sports medicine and professional development.

278* EMERGENCY CARE

Three hours. Prerequisite: ARC CPR/PR/FA Certification. Recognition, evaluation, and treatment of emergency injuries and management of emergency situations occurring in athletic arenas. Students will be exposed to advanced techniques and multiple clinical and field settings.

309 THERAPEUTIC MODALITIES

Three hours. Prerequisites: PED 241, 322. This course develops the students' basic knowledge of physics principles as related to the proper utilization of therapeutic modalities.

322 CARE, PREVENTION AND ASSESSMENT OF LOWER BODY INJURIES

Three hours. Prerequisite: 278. Recognition and evaluation of common lower body injuries and

their prevention. Emphasis on immediate care given to traumatic injuries. Laboratory sessions introduce various wrapping and taping techniques in addition to basic rehabilitation procedures.

323*+ CARE, PREVENTION AND ASSESSMENT OF UPPER BODY INJURIES

Three hours. Prerequisites: PED 240, 241. This course extends the recognition and evaluation of common upper body injuries, their prevention and assessment. Students will understand athletic injury evaluation techniques for head, neck, upper extremity, and the torso. Laboratory sessions introduce various wrapping and taping techniques in addition to basic rehabilitation procedures.

335 PSYCHOLOGY OF SPORT

Three hours. Understanding and application of the mental aspects of human performance.

340, 341, 342 ATHLETIC TRAINING PRACTICUM - ADVANCED

One hour each. Prerequisite: (majors only), PED 241, 242. This practicum provides opportunities to demonstrate mastery of injury management, and utilize advance techniques, under the supervision of a certified athletic trainer. 340 or 342 includes a high school exposure and collision sport experience.

357 THERAPEUTIC EXERCISE

Three hours. Prerequisites: PED 241, 242, 322, 323. Emphasis is on comprehensive therapeutic exercises used in rehabilitative programs and the integration of these exercises in the treatment of athletic injuries.

360* KINESIOLOGY

Three hours. Prerequisites: BIO 209 or 210 or permission of faculty. Examination of anatomical and mechanical concepts requisite to critical assessment, description, and qualitative analysis of human exercise, sport, and locomotive activities.

375 EXERCISE PHYSIOLOGY

Three hours. Prerequisites: BIO 209 and 210 or permission of faculty. The effects of exercise on human physiological systems.

410+ FITNESS: INSTRUCTION AND PRESCRIPTION

Three hours. Current trends and components in health, nutrition, and fitness to prepare students to handle wellness instruction and exercise prescription.

412 SENIOR SEMINAR

Two hours. Prerequisites: (majors only), PED 322, 323. Topics include pathology, pharmacology, sports epidemiology, and statistical analysis. Includes clinical rotations in multi-health disciplines.

461 INTERNSHIP

Twelve hours. Prerequisite: (majors only). Completion of all coursework plus current certification in ARC CPR/PR/FA. A full semester of clinical internship at an FSC approved site, under the

supervision of a certified athletic trainer, or allied health professional which is completed during the student's final semester.

Biology

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-seven hours including BIO 110, 205, 206, and 499.

Supportive requirements, B.A. degree: CHE 111, 112, twelve hours or intermediate proficiency in a foreign language and three hours in philosophy, preferably Logic.

Supportive requirements, B.S. degree: CHE 111, 112, MAT 157 or 201 and 202, or 208, or 211, and either CHE 203 and 204 or two semesters of Physics.

Persons meeting the Department's requirements for a major in Biology who also complete the professional courses required by the Education Department will meet the certification requirements for teaching Biology in the State of Florida.

ENVIRONMENTAL STUDIES CONCENTRATION

Required courses: Fifty-three hours including BIO 110, 205, 206, 221, 320, 327, 420, 499; CHE 111, 112, 203.

Supportive requirements: Twelve hours selected from among BIO 270, 305, 309, 370, 407, 415, 430; HRT 313, 401.

A **Marine Biology** emphasis is available. Contact department faculty for details.

All designated four-hour courses include a laboratory.

106 BIOLOGICAL SCIENCE

Four hours. Does not count toward major or minor. Ecology, evolution, the cell and its metabolism, and heredity.

110 BIOLOGICAL FOUNDATIONS

Four hours. An introduction to basic concepts of cell biology, genetics, and evolution.

205 GENERAL ZOOLOGY

Four hours. Prerequisite: BIO 110 or permission of faculty. Functional morphology of animals, with emphasis on the vertebrates; group relationships of major phyla; principles of genetics and development, ecology, and evolution.

206* GENERAL BOTANY

Four hours. The flowering plant, major plant groups, metabolism, genetics, ecology, and economic botany.

209 HUMAN ANATOMY

Four hours. Functional gross anatomy of the human body.

210 HUMAN PHYSIOLOGY

Four hours. No credit awarded if student has completed BIO 408. Structure and function of the major organ systems of the human body with emphasis on the skeletal, muscular, circulatory, and respiratory systems.

215 COMPARATIVE ANATOMY

Four hours. Prerequisite: BIO 205. Comparative study of the structure of selected chordate animals.

221* ENVIRONMENTAL SCIENCE

Four hours. The history and philosophy of conservation; ecological principles, current problems, their status and proposed approaches to solutions.

270 MARINE BIOLOGY

Four hours. Prerequisites: BIO 205, 206. A study of the ecology, functional morphology, behavior, and group relationships of marine vertebrates, invertebrates, algae, and grasses with several field trips to specific ecosystems on Gulf and Atlantic Coasts.

305 ENTOMOLOGY

Four hours. Prerequisite: BIO 205. Morphology, physiology, life cycles, classification, and economic aspects of the study of insects.

309* PLANT TAXONOMY

Four hours. Prerequisite: BIO 206. Nomenclature, classification, and identification of flowering plants, especially those of Central Florida.

312 SCIENCE TECHNOLOGY AND SOCIETY

Three hours. Prerequisite: minimum of eight semester hours credit in the natural sciences. A study of the history and philosophy of science, its methodologies, and the interdependence and dynamics of technology and science.

316 DEVELOPMENTAL BIOLOGY

Four hours. Prerequisite: BIO 205. Descriptive study of the development in invertebrate and vertebrate animals.

319* CELL BIOLOGY

Four hours. Prerequisites: BIO 205, 206. Structure and functions of the cell as the basic unit of life, with emphasis on those features that are common to all living cells.

320* ENVIRONMENTAL MANAGEMENT

Four hours. Prerequisite: BIO 221. A quantitative approach to the accumulation, synthesis, and evaluation of information needed to develop predictors and indicators for management decisions and long-range planning.

327* MICROBIOLOGY

Four hours. Prerequisites: BIO 110, CHE 111-112; Corequisite: CHE 203. Morphology and physiology of micro-organisms, particularly bacteria.

350 BIOCHEMISTRY

Three hours. Same as CHE 350. Prerequisite: CHE 203. Modern topics in biochemistry including the chemical properties of proteins, carbohydrates, and lipids; metabolism and molecular genetics.

355 BIOCHEMICAL PROBLEMS

One hour. Same as CHE 355. Prerequisite or corequisite: BIO 350. A survey of experimental techniques and related problem-solving.

360* PLANT TISSUE CULTURE

Four hours. Same as HRT 360. Prerequisite: BIO 206 or permission of faculty. Basic plant tissue culture techniques and terminology. Plant micropropagation, single cell and protoplast culture, and cell fusion techniques. Relationship of plant tissue culture technology to plant breeding and production of secondary metabolites.

370* GENETICS

Three hours. The principles of heredity as applied to all living organisms; the genetic code; gene and operon theory.

371 GENETICS PROBLEMS

One hour. Prerequisite or corequisite: BIO 370. Laboratory exercises and problem-solving in genetics.

390 ANIMAL BEHAVIOR

Three hours. Same as PSY 390. Analysis of behavioral patterns and their importance in natural environments.

407 VERTEBRATE ZOOLOGY

Four hours. Life histories, adaptations, ecology, and classification of fossil and living vertebrate animals.

408 ANIMAL PHYSIOLOGY

Four hours. No credit awarded if student has completed BIO 210. Prerequisite: BIO 205. Structure and function of the major organ systems of the vertebrate body as they relate to the maintenance of an optimum internal environment.

409 IMMUNOLOGY

Three hours. Prerequisites: BIO 205, CHE 112. An introduction to the adaptive immune response in vertebrates; to include immunochemistry, immunobiology, serology, and immunopathology.

415* PLANT PHYSIOLOGY

Four hours. Prerequisites: BIO 206, CHE 102 or 112. Photosynthesis, respiration and other metabolic processes, growth, and water relationships in vascular plants.

419 HISTOLOGY

Four hours. Prerequisite: BIO 205. A study of the structure and function of cells and tissues with microscopical examination of tissues.

420 ECOLOGY

Four hours. Prerequisites: BIO 205, 206. Relationship of living organisms to their biological, physical, and chemical environments with emphasis on ecosystems.

425 PATHOPHYSIOLOGY

Three hours. Prerequisite: CHE 311. Study of the physiological and biochemical mechanism underlying disease.

430* PATHOGENIC MICROBIOLOGY

Four hours. Prerequisite: BIO 327. Comprehensive survey of pathogenic bacteria responsible for disease in humans and animals.

460*-461* INTERNSHIP

Three hours each. Prerequisites: Junior or Senior standing; permission of faculty; minimum 2.5 grade point average. Correlating theory and practice in two operational settings; supervision by cooperating practitioners and faculty in several areas of application.

499* SEMINAR IN BIOLOGY

One hour each semester. Preparation and delivery of papers based on the current biological literature.

Business Administration

***Bachelor of Arts or
Bachelor of Science
as specified for
individual concentrations***

Majors in Business Administration are required to pass a basic set of management courses and choose additional courses in order to complete a concentration in one of seven specific career areas: Computer Information Systems, Financial Management, Hotel/Resort Management, Human Resources Management, International Management, Marketing Management, or Paralegal Studies and Law Office Management. Four interdepartmental majors are also available: Marketing-Citrus, Business-Environmental Horticulture, Music Management, and Sports Management. The majors are undergirded by a required set of supportive courses in related academic departments. All majors are encouraged to elect PSY 336.

Minor requirements: ACC 201, 202, BUS 217, 306, 311, and ECO 205 or 206.

DEPARTMENTAL CONCENTRATIONS

Basic management core requirements: Eighteen hours including BUS 217, 306, 311, 320, 345, and 499.

Basic management supportive requirements: Fifteen hours including ACC 201, 202, CSC 105, ECO 205, and 206. (MAT 157 must be taken in fulfillment of second math core requirement.)

COMPUTER INFORMATION SYSTEMS

Bachelor of Science.

Concentration requirements: Twenty-four hours including BUS 420, CSC 200 level programming course, 301, 302, 306, 405, 407, and MAT 201.

FINANCIAL MANAGEMENT

Bachelor of Science

Concentration requirements: Twenty-one hours including ACC 316, BUS 418, 420, ECO 305 or 306, six hours chosen from among ACC 405, ECO 308, 406, 407, or MAT 201, and three additional hours chosen from courses in Accounting, Business Administration, Economics, or Computer Science courses taught in the department.

HOTEL/RESORT MANAGEMENT

Bachelor of Science

Concentration requirements: ACC 316, BUS 350, 417, 450, 451, and 460 or 461 and two of the following: BUS 420, CSC 302, 306, ECO 305, 306, ENG 300, PSY 336.

HUMAN RESOURCES MANAGEMENT

Bachelor of Science

Concentration requirements: Twenty-seven hours including ACC 316, BUS 417, CSC 302, ECO 305 or 306 and 319, PSY 107, 210, and 336 and three additional hours chosen from courses in Accounting, Business Administration, Economics, or Computer Science courses taught in the department.

INTERNATIONAL MANAGEMENT

Bachelor of Arts

Concentration requirements: Thirty-nine hours including intermediate proficiency in a foreign language, three hours in BUS 460 Internship preferably in a foreign country or in a regional business enterprise with international contacts, ECO 305 or 306 and 407, PHI 205, a two-course sequence chosen from among ACC 316/BUS 418, BUS 446/448, BUS 350/451, CSC 302/306, BUS 417/ECO 319, or BUS 312/414, and nine hours chosen from among GEO 320, PHI 206, PSY 336, REL 319, or any 300 level courses in ENG, HIS, LAN, or POS in consultation with advisor.

MARKETING MANAGEMENT

Bachelor of Science

Concentration requirements: Twenty-one hours including BUS 420, 446, 448, nine hours chosen from among CIT 406, COM 305, 307, ECO 305 or 306, or MAT 201 and three additional hours chosen from courses in Accounting, Business Administration, Economics, or Computer Science courses taught in the department.

PARALEGAL STUDIES AND LAW OFFICE MANAGEMENT

Bachelor of Science

Concentration requirement: 27 hours including BUS 312, 313, 314, 413, 414, 460, and nine hours chosen from among ACC 405, 406, COM 406, CRM 280, 440, ECO 308, 415, PHI 207, POS 115, 116, 329, or PSY 336.

INTERDEPARTMENTAL MAJORS

Bachelor of Science

MARKETING-CITRUS

Major requirements: Twenty-four hours in Business Administration including BUS 217, 306, 311, 345, 446, 448, 460 or 461, 499, and fifteen hours in Citrus including CIT 305, 311, 312, 406, and 445.

Supportive requirements: Thirty hours including ACC 201, 202, 316, COM 305 or 307, CSC 105, 302, ECO 205, 206, 306, ENG 300.

BUSINESS-ENVIRONMENTAL HORTICULTURE

Major requirements: A major in Business Administration with a Marketing Management concentration and nineteen hours in Citrus and Environmental Horticulture including HRT 207, 219, 317 or 318, 319, 325 or 326, 429, and 460.

MUSIC MANAGEMENT

Major requirements: Fifty-nine hours: Fifteen hours in Business Administration: BUS 217, 306, 311, 345, 499; twenty-nine hours in Music: six hours in music theory, one hour in music literature, three hours in music history, nine hours in ensemble, four hours in applied music, four hours in pedagogy, and two hours in conducting; and fifteen hours in Music Management: MUS 454, 455, 459, and 462.

Supportive requirements: Fifteen hours including ACC 201, 202, CSC 105, ECO 205 and 206. See page 37 for core requirements. (MAT 157 must be taken as the second math core requirement.)

SPORTS MANAGEMENT

Major requirements: Thirty-four hours: Eighteen

hours in Business Administration including BUS 217, 306, 311, 345, 460 or 461, 499, and sixteen hours in Physical Education including PED 274, 277, 280, 380, 407, and 410. (BUS 460 or 461 requires a minimum 2.5 grade point average. If this requirement is not met, BUS 312, 315, 320, or 417 may be taken to complete major.)

Supportive requirements: Thirty hours including ACC 201, 202, CSC 105, ECO 205, 206, MAT 157, and four courses selected from among BUS 350, COM 200, 222, 305, 307, ENG 300, PED 335, PSY 336. Recommended for Golf Course Management: HRT 207, 219, 335, and 336.

SPORTS MANAGEMENT/EXERCISE SCIENCE CONCENTRATION: A program in Business Administration for persons interested in fitness business. Major requirement: BUS 217, 306, 311, 345, 460 or 461, PED 230, 274, 278, 360, 375, 380, and 410. (BUS 460 or 461 requires a minimum 2.5 grade point average. If this requirement is not met, BUS 312, 315, 320, or 417 may be taken to complete major.)

Supportive requirement: ACC 201, 202, CSC 105, ECO 205, 206, MAT 157, plus four courses from COM 221, 222, 230, 305, 307, PED 335, PSY 214 and CSC elective.

Undergraduate Courses

217* PRINCIPLES OF MANAGEMENT

Three hours. Concepts, principles, and functions of management applicable to all types of organizations; different managerial styles.

306+ MARKETING PRINCIPLES

Three hours. Prerequisite: ECO 205 or 206. Marketing principles, functions, organizations, methods, and problems involved in the exchange process known as marketing; a managerial perspective that revolves around the marketing concept and the marketing mix.

311* BUSINESS LAW I

Three hours. Introduction to commercial, property, administrative, constitutional, and liability law, and the American court system, with special emphasis on how it affects people in business.

312* BUSINESS LAW II

Three hours. Prerequisite: BUS 311. In-depth study of the legal issues and principles inherent in business transactions, including sales, commercial paper, contracts and bankruptcy; with heavy emphasis on applications of principles to problems. This course is structured primarily for Accounting majors.

313 LEGAL RESEARCH & WRITING

Three hours. Prerequisites: BUS 311, CSC 105. Introduction to legal research tools, including court reporters, legal digests, statutory materials, and

computer-assisted research; development of analytical and writing skills; students must use the materials in class assignments and prepare a legal memorandum.

314 CIVIL LITIGATION

Three hours. Prerequisite: BUS 311. Examines the civil trial process by studying the rules of procedure and teaching students the tasks required of paralegals during the trial process; students are instructed in the preparation of pleadings and motions, pretrial discovery and post-trial activity.

315* PERSONAL SELLING

Three hours. Prerequisites: BUS 217 and 306. A study of successful selling related to both hard goods and services. Class demonstrations in different facets of selling and exercises in the art of persuasion.

320+ QUANTITATIVE METHODS

Three hours. Same as ECO 320. Prerequisite: MAT 157. Mathematical statistical tools for managerial analysis and decision making. Collection and presentation of data, probability distributions, index numbers, time series, forecasting, regression, correlation, and analysis of variance.

345 MANAGERIAL FINANCE

Three hours. Prerequisite: ACC 202, ECO 205 or 206. Planning and controlling sources and uses of a firm's funds. Includes capital budgeting, dividend policies, determination of optimal capital structure, and internal vs. external financing of expansion.

350* INTRODUCTION TO HOTEL/RESORT MANAGEMENT

Three hours. Prerequisites: ACC 202, BUS 217, 306, ECO 205, 206. History, growth, and philosophy of the industry. Application of management techniques to the planning, personnel, accounting and marketing functions in hotel and resort management, including the use of case studies developing analytical skills.

413 LAW OFFICE MANAGEMENT

Three hours. Prerequisites: BUS 217, 311, CSC 105. Examination of the structure of the law office; emphasis on hiring, scheduling and management of non-attorney personnel, office equipment, management of the library, computer applications, accounting and billing, interviewing techniques and client relations.

414 LEGAL DOCUMENT DRAFTING

Three hours. Prerequisites: BUS 312, CSC 105. Introduction to the style and format of legal documents with emphasis on writing clearly and effectively; students will study the types of transactional documents paralegals are required to prepare including wills, contracts, real estate documents, probate documents, etc.

417 HUMAN RESOURCES MANAGEMENT

Three hours. Prerequisite: BUS 217. Study of

modern human resources management in organizations. Includes emergence of the discipline, an overview of human resources management functions, labor relations, current compliance regulations, and other contemporary challenges in the field.

418+ INVESTMENTS

Three hours. Prerequisites: BUS 320, 345, ECO 205. Emphasis from standpoint of individual investor in corporate and government securities; investment objectives; appraisal of investment risks; valuation of securities; portfolio management.

420+ INTRODUCTION TO MANAGEMENT SCIENCE

Three hours. Prerequisite: MAT 157. Management decision problems in terms of decision theory formulation; models, quantitative methods of analysis, and computer as aids in decision making.

446*+ MARKETING RESEARCH

Three hours. Prerequisites: BUS 306, MAT 157. Uses of modern research methods in formulating marketing policies and strategies; analysis and evaluation of research results; student surveys and research studies with cooperating companies.

448*+ MARKETING MANAGEMENT

Three hours. Prerequisites: BUS 217, 446. Management of marketing functions and analysis of problems of representative companies, including product development, pricing, promotion, and distribution; uses of computer in marketing management.

450* MANAGEMENT OF MEETING PLANNING/CLIENT SERVICES

Three hours. Prerequisites: BUS 350. Emphasis is on management philosophy and methodology for the functions of meeting planners such as program planning, site selection, negotiation, budgeting, and space logistics. These same topics will then be studied from the point of view of the hospitality firm as it serves its clients.

451* MANAGEMENT OF FRONT OFFICE FUNCTIONS

Three hours. Prerequisites: BUS 350. A study of the functions performed by the Front Office, their interrelationships, and the management and technical competencies required for those functions.

460*-461* INTERNSHIP

Three hours each. Prerequisites: Senior standing; permission of faculty; minimum 2.5 grade point average. Correlating theory and business practices in two operational settings; supervision by cooperating practitioners and faculty in several areas of application.

499*+ STRATEGIC MANAGEMENT: PROBLEMS AND POLICIES

Three hours. Prerequisites: Senior standing and completion of all other BUS major requirements. Capstone course of the business major. Integrates knowledge of all business disciplines from other

courses. Uses case studies and projects to identify problems and formulate strategic policies that shape the destiny of organizations. Emphasizes analysis, decision-making, and implementation.

Chemistry

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-four hours including CHE 111, 112, 203, 204, 206, 301, 302, 406, and 499.

Supportive requirements, B.A. degree: MAT 211, 212, PHY 211, 212, twelve hours or intermediate proficiency in a foreign language, and three hours in philosophy.

Supportive requirements, B.S. degree: MAT 211, 212, and PHY 211, 212.

The department will waive three hours of the thirty-four required for those students interning as secondary school teachers in Chemistry in recognition of professional experience gained thereby.

100 PREPARATION FOR COLLEGE CHEMISTRY

Two hours. Review and practice in those basic principles and mathematical skills most needed by students planning to take CHE 111 and 112. Does not count toward the major or minor.

101 GENERAL CHEMISTRY I

Four hours. A review and study of chemical concepts including atomic structure, chemical reactions, chemical bonding, acidity, oxidation-reduction, and introductory organic chemistry.

102 GENERAL CHEMISTRY II

Four hours. Prerequisite: CHE 101. Further study of the chemical concepts of CHE 101 and the interactions of these concepts with daily living and with other sciences such as ecology, agriculture, biochemistry, and medicine.

111 COLLEGE CHEMISTRY

Four hours. Prerequisite: CHE 100 or one year of high school chemistry or permission of faculty. Corequisite: MAT 106, 110, or 211. Quantitative treatment of the principles of chemistry including stoichiometry, states of matter, atomic structure, periodicity, ionic compounds, chemical equilibria, and acid-base theories.

112 COLLEGE CHEMISTRY WITH QUALITATIVE ANALYSIS

Four hours. Prerequisite: CHE 111. Basic descriptive inorganic and organic chemistry including a systematic description of the elements, modern theories of chemical bonding, redox reactions,

electrochemistry, and chemical dynamics. Laboratory work includes semi-micro qualitative separation and identification of cations and anions.

203 ORGANIC CHEMISTRY I

Four hours. Prerequisite: CHE 102 or 112. Detailed study of carbon compounds approached through the study of structures, functional groups, reactions, and mechanisms. Structures include both constitutional and stereo isomers. Initial functional groups are alcohols and alkyl halides. In the laboratory, techniques of reacting and purifying are used in the synthesis of organic compounds.

204 ORGANIC CHEMISTRY II

Four hours. Prerequisite: CHE 203. Additional functional groups including ethers, carbonyls, amines, carboxylic acids, and bi-functional compounds are studied for their reactions, interactions, and interconversions. Additional reaction mechanisms are studied as a unifying concept. Use of instrumentation in the laboratory enhances purifications and structural identifications as synthesis continues.

206* QUANTITATIVE ANALYSIS

Four hours. Prerequisite: CHE 112. Modern methods of quantitative separation and analysis. Emphasis is on acidimetric, gravimetric, complexometric, potentiometric, and wet-methods, commonly used in the analysis of inorganic substances.

301 PHYSICAL CHEMISTRY I

Four hours. Prerequisites: CHE 112, MAT 212, PHY 212. States of matter, phase diagrams, thermodynamics, equilibrium, and electrochemistry.

302 PHYSICAL CHEMISTRY II

Four hours. Prerequisite: CHE 301. Reaction kinetics, reaction mechanisms, atomic and molecular structure, quantum theory, and statistical thermodynamics.

308 MATH METHODS OF CHEMISTRY AND PHYSICS

Three hours. Same as MAT 308 and PHY 308. Prerequisites: MAT 212, PHY 212. Topics involved in applied mathematics. Some topics included are complex variables, special functions, Fourier series, integral transforms, and linear vector spaces.

311 PHYSIOLOGICAL CHEMISTRY

Three hours. Prerequisite: CHE 101 or equivalent. Chemical composition of the human body including proteins, lipids, carbohydrates, nucleic acids and electrolytes, metabolism, body fluids, and acid- based balance. Evening program only.

350 BIOCHEMISTRY

Three hours. Same as BIO 350. Prerequisite: CHE 203. Modern topics in biochemistry including the chemical properties of proteins, carbohydrates, and lipids; metabolism and molecular genetics.

355 BIOCHEMICAL PROBLEMS

One hour. Same as BIO 355. Prerequisite or

corequisite: CHE 350. A survey of experimental techniques and related problem-solving.

405 ADVANCED ORGANIC CHEMISTRY

Four hours. Prerequisite: CHE 204. Intensive study of reaction mechanisms. Laboratory stresses study of mechanisms and advanced synthetic techniques.

406 INORGANIC CHEMISTRY

Four hours. Prerequisite: CHE 112. Descriptive inorganic chemistry; atomic and molecular structure, bonding theories, reactions in aqueous and non-aqueous media and complex compounds.

408 POLYMER CHEMISTRY

Four hours. Prerequisites: CHE 204. An introduction to polymer synthesis, structure, properties, testing, characterization, compounding, processing, and product technology.

499* SENIOR SEMINAR

One hour. Prerequisite: Senior standing. Preparation and delivery of papers based on current research. The Major Field Test will also be taken.

Citrus and Environmental Horticulture

Bachelor of Science

CITRUS

Major requirements: Forty hours including CIT 305, 306, 311, 312, 401, 402, 406, 445, 460, and HRT 207, 313, 314, 317 or 318.

Supportive requirements: Twenty-two hours, including BIO 206, 415, BUS 306, CHE 101 or 111, 102 or 112, ECO 205 or 206.

MARKETING-CITRUS

Major requirements: Twenty-four hours in Business Administration including BUS 217, 306, 311, 345, 446, 448, 460 or 461, 499, and fifteen hours in Citrus including CIT 305, 311, 312, 406, and 445.

Supportive requirements: Thirty hours including ACC 201, 202, 316, COM 305 or 307, CSC 105, 302, ECO 205, 206, 306, ENG 300.

RECREATIONAL TURFGRASS MANAGEMENT

Major requirements: Thirty-four hours including HRT 207, 219, 229, 313, 314, 329, 335, 336, 401, 402, 460.

Supportive requirements: Forty-three hours including ACC 201, 202, BUS 217, 306, 311, 350, CHE 101 or 111, 102 or 112, CSC 105, ECO 205, 206, PED 274, 380, 407.

ENVIRONMENTAL HORTICULTURE (Production Concentration)

Major requirements: Forty hours including HRT 207, 219, 229, 313, 314, 319, 326, 401, 402, 429, 460 and two courses from among the following: CIT 305, HRT 317, 318, 325, 360.

Supportive requirements: Twenty hours including BIO 206, 309, 415, CHE 101, or 111, 102 or 112.

ENVIRONMENTAL HORTICULTURE (Landscape Design Concentration)

Major requirements: Forty hours including HRT 207, 219, 229, 313, 314, 319, 329, 335 or 336, 401, 402, 419, 429, 460.

Supportive requirements: Twenty hours including, BIO 206, 309, 415, CHE 101 or 111, 102 or 112.

HORTICULTURE SCIENCE

Major requirements: Forty-three hours including HRT 207, 219, 313, 314, 317, 318, 319, 326, CIT 305, CIT 401 or HRT 401, CIT 402 or HRT 402, HRT 460 and any two courses from HRT 325, 335, 336.

Supportive requirements: Twenty-three hours including BIO 206, 309, 415, CHE 101 or 111, 102 or 112, CSC 105.

INTERDEPARTMENTAL MAJORS

BUSINESS-ENVIRONMENTAL HORTICULTURE

Major requirements: A major in Business Administration with a Marketing Management concentration and nineteen hours in Citrus and Environmental Horticulture including HRT 207, 219, 317 or 318, 319, 325 or 326, 429, and 460.

MARKETING-CITRUS

Major requirements: Twenty-four hours in Business Administration including BUS 217, 306, 311, 345, 446, 448, 460 or 461, 499, and fifteen hours in Citrus including CIT 305, 311, 312, 406, and 445.

Citrus Courses

305 CITRUS CULTURE I

Three hours. Prerequisite or corequisite: HRT 207 or permission of faculty. Botany of citrus, its varieties, and rootstocks; soils suitable for citrus and development of a young citrus grove.

306 CITRUS CULTURE II

Three hours. Prerequisite: CIT 305. Frost protection, nutrient requirements, citrus pests, irrigation, cultivation, and rehabilitation of bearing citrus groves of all major varieties.

311 CITRUS UTILIZATION

Three hours. Prerequisite: CIT 305 or permission of faculty. Physiology of citrus fruits, packing house operation for fresh fruit varieties, and legal maturity tests and standards.

312 CITRUS PROCESSING

Three hours. Prerequisite: CIT 305 or permission of faculty. Operations and technology involved in citrus processing plants; extractors, evaporators, storage, quality control, by-products, etc.

401*+ CITRUS PEST MANAGEMENT

Three hours. Prerequisite: CIT 305 or permission of faculty. Identification of insects and mites affecting citrus; biological and chemical control of pests.

402*+ CITRUS DISEASES

Three hours. Prerequisite: CIT 305 or permission of faculty. Identification and phytopathology of fungi, bacteria, viruses and nematodes affecting citrus; natural and chemical controls. Citrus budwood registration program.

405 CITRUS NUTRITION

Three hours. Prerequisite: HRT 314 or permission of faculty. Essential nutrients needed for citrus; soil properties, management practices, fertilizer materials, and nutritional programs.

406* CITRUS MARKETING

Three hours. Prerequisite: BUS 306. Marketing methods for fresh and processed citrus fruit; citrus marketing organizations.

420* CITRUS PRODUCTION MANAGEMENT

Three hours. Prerequisites: CIT 306, 401, and HRT 314 or permission of faculty. Development of a production management program for Florida citrus groves.

445* AGRI-BUSINESS COOPERATIVES

Three hours. History, development, and functioning of marketing and service cooperatives; principles, legislation, taxation, financing, management, and organization of cooperatives.

460/461 INTERNSHIP

Three hours. Prerequisites: Junior or Senior year. Applying citrus theory and business in an operational setting; supervision by cooperating practitioner and faculty.

Environmental Horticulture and General Horticulture Courses

123 PLANTS AND SOCIETY

Three hours. An introduction to the history of selected cultivated plants and to the many complex

interactions that continue to occur between plants and mankind.

207 INTRODUCTION TO HORTICULTURAL SCIENCE

Four hours. Fundamental principles and practices underlying the propagation and growing of horticultural crops. (May be used for Natural Science Core credit.)

219 INTRODUCTION TO LANDSCAPING

Three hours. Basic principles of landscape gardening; garden planning; plant identification.

229 ORNAMENTAL LANDSCAPE PLANTS

Three hours. Pre or corequisite: HRT 207 or permission of faculty. Identification, adaptation, and evaluation of trees, shrubs, vines, ground covers, and herbaceous bedding plants. The study of their characteristics and landscape uses.

313 SOIL SCIENCE

Three hours. Prerequisite: CHE 102 or CHE 112. The soil as a natural body including physical properties, tillage and management, soil water and water management, organic matter and ecology. Special emphasis on Florida soils and horticultural crops.

314 PLANT NUTRITION

Three hours. Prerequisite: HRT 313. Soil mineralogy, chemistry, macro- and micro-nutrient relations, fertilizers, soil fertility evaluations, fertilizer use, soil genesis, taxonomy, and land survey with interpretations. Special emphasis on Florida soils used for citrus and horticultural crops.

317 TROPICAL AND TEMPERATE FRUITS

Three hours. Prerequisite: HRT 207 or permission of faculty. Soils, climatic requirements, propagation, culture, and utilization of tropical and temperate fruits of Florida other than citrus.

318 COMMERCIAL VEGETABLE CROPS

Three hours. Prerequisite: HRT 207 or permission of faculty. Breeding, large scale production, post-harvest handling, and marketing of vegetable crops. Special emphasis placed on those crops that are commercially produced in Florida for the fresh market.

319 LANDSCAPE HORTICULTURE AND DESIGN I

Three hours. Prerequisite: HRT 219 and 229. Principles and practices in preparing landscape plans and design; plant identification; individual projects.

325* FOLIAGE PRODUCTION AND GREENHOUSE OPERATION

Three hours. Prerequisites: HRT 207 and 219 or permission of faculty. Foliage plant production, identification, and interior usage. Greenhouse structures and functions. Commercial greenhouse

management and operations. Field trips required.

326* COMMERCIAL FLORICULTURE

Three hours. Prerequisite: HRT 207 or permission of faculty. Principles and practices of both field and greenhouse production and culture of commercial flowering crops. Field trips required.

329 LANDSCAPE MANAGEMENT

Three hours. Prerequisites: HRT 207 and 229, or permission of faculty. The study of landscape management practices for residential and commercial sites. Evaluation of factors, which affect the growth and care of landscape plants.

335 WATER AND WEED MANAGEMENT

Three hours. Hydrology, meteorology, water management, and irrigation design; weed identification and control for citrus and horticultural crops, including herbicide use and physiology.

336 PRINCIPLES OF TURF MANAGEMENT

Three hours. Prerequisite: HRT 207 or permission of faculty. Comparisons of turfgrass for recreational and landscape use. Covered are: growth characteristics, methods of propagation, and basic management requirements, including control of important pest problems.

360* PLANT TISSUE CULTURE

Four hours. Same as BIO 360. Prerequisite: BIO 206 or permission of faculty. Basic plant tissue culture techniques and terminology. Plant micropropagation, single cell and protoplast culture, and cell fusion techniques. Relationship of plant tissue culture technology to plant breeding and production of secondary metabolites.

401 PEST MANAGEMENT OF HORTICULTURE CROPS

Three hours. Prerequisite: HRT 207 or permission of faculty. Identification of insects and mites of commercial, non-citrus horticulture crops of Florida. Chemical and biological controls for those pests. Introduction to integrated pest management theories and techniques.

402 DISEASE MANAGEMENT OF HORTICULTURE CROPS

Three hours. Prerequisite: HRT 207 or permission of faculty. Identification and phytopathology of fungi, bacteria, viruses, and nematodes of commercial, non-citrus horticulture crops of Florida. Chemical and biological controls for plant diseases.

419 LANDSCAPE HORTICULTURE AND DESIGN II

Three hours. Prerequisites: HRT 219, 229, 219, and pre or corequisite HRT 329 or permission of faculty. Commercial aspects of landscaping public grounds, parks, and schools.

429* NURSERY DESIGN AND MANAGEMENT

Three hours. Prerequisites: HRT 207, 219, 229, and 319 or permission of faculty. Commercial

field- and container-grown nursery design and operation; cultural practices and crop scheduling; nursery management and financial planning. Field trips required.

460/461 INTERNSHIP

Three hours. Prerequisites: Junior or Senior year. Applying horticultural theory and business in an operational setting; supervision by cooperating practitioner and faculty.

Communication

Bachelor of Arts or Bachelor of Science

We expect proficiency in verbal and writing skills from all majors. Students elect which concentration they will pursue by the start of their junior year. Majors can take only 42 hours in Communication as part of their undergraduate study at Florida Southern College. Faculty encourage all majors to work for The Southern newspaper and for Moc broadcasting outlets. Faculty encourage active participation in student professional associations sponsored by the department: AdFed, FPRA, PRSSA, and Sigma Delta Chi. Faculty encourage students to the study of foreign language, although the department's BS options do not require it.

All Communication majors are required to take twenty-one hours of general departmental coursework and then choose additional coursework in order to complete a concentration in one of the three areas: Advertising, News Media, and Public Relations. In addition, each concentration requires coursework in related academic disciplines.

Departmental Major Requirements: Twenty-one hours consisting of COM 101, COM 200, COM 201, COM 220, COM 406, COM 460 or 461, COM 499.

ADVERTISING

Students must take 18 hours consisting of COM 219, COM 305, COM 307, COM 317 or COM 340, COM 405, and COM 412. Supportive requirements include BUS 306, ECO 205 or 206, PHI 206 and 6 hours chosen from ACC 201, ACC 202, ART 103, BUS 217, ENG 300, ENG 319, POS 115, POS 116, PSY 206, SOC 305.

The B.A. option includes 12 hours (or intermediate proficiency) of a foreign language.

The B.S. option includes 12 hours from the following courses: ART 102, ART 241, ART 351, ART 352, BUS 345, BUS 446.

NEWS MEDIA

Students must take 18 hours consisting of COM 302, COM 222 or COM 303, COM 304, COM 333, COM 310 or COM 444, COM 409. Supportive requirements include PHI 206, and 9 hours chosen from the following courses: ENG 300, ENG 317, ENG 318, ENG 319, ENG 435, ENG 436, any HIS 200 level and above, any POS, SOC 216, SOC 305, SOC 309, SOC 406.

The B.A. option requires 12 hours (or intermediate proficiency) of foreign language.

The B.S. option includes 12 hours of either Web Design courses: ART 102, ART 241, ART 351, ART 352 or a choice of 12 hours from the following courses: BUS 320, CSC 105, CSC 302, ECO 205, ECO 206, ECO 407, MAT 157.

PUBLIC RELATIONS

Students must take 15 hours consisting of COM 305, COM 312, COM 380, COM 405, COM 414. Supportive requirements include BUS 306, ECO 205 or 206, any HIS 200 level and above, PHI 206. MAT 157 must be taken in fulfillment of second math core requirement.

The B.A. option requires 12 hours (or intermediate proficiency) of a foreign language.

Two B.S. options include 12 hours in the finance (Investor Relations) track: ACC 201, ACC 202, BUS 320, BUS 345, BUS 446, or a choice of 12 hours in the technology communication track: ART 241, ART 351, ART 352, CSC 220, CSC 246, CSC 302, CSC 330, CSC 421.

101* FUNDAMENTALS OF SPEECH

Three hours. Theory and practice of public address; preparation and delivery of short speeches.

200 INTRODUCTION TO COMMUNICATION

Three hours. Survey course designed to acquaint students with the role of journalism, public relations, and advertising in a free society. Emphasis placed on the flow of information and the social responsibilities of the mass media.

201+ MEDIA WRITING

Three hours. Prerequisite: ENG 101 with a grade of "C" or better and concurrent enrollment in ENG 102. Fundamentals of effective writing for the mass media. Includes style, grammar, and content considerations.

210* ORAL PERFORMANCE OF LITERATURE

Three hours. Designed to introduce students to and give experiences in the oral performance of dramatic literature. Workshop format to interpret pieces for presentation. This course is NOT a literature survey course.

216 SMALL GROUP COMMUNICATION

Three hours. Prerequisite: COM 101. The study of small group discussion theory and practice in

various situations. Course focus is on how small groups are used to solve problems, reach decisions, and make recommendations.

219* COPYWRITING

Three hours. Prerequisite: COM 201. Emphasis on developing skills leading to understanding approaches to and organization of material necessary to writing advertising copy. The course requires completion of an advertising campaign including writing for national, retail, broadcast (radio and television) trade, and outdoor advertising.

220+ DESKTOP PUBLISHING

Three hours. Acquaint students with the basics of news media and advertising layout for newspapers, brochures, magazines and online publications.

221* BROADCAST COMMUNICATION

Three hours. A survey of the broadcast and cable industries from the standpoint of programming, economics, ratings, research, organizational policy, history, and regulation.

222* VIDEO LITERACY

Three hours. How visual images and sound are produced by the various mass media. Combines analysis of production and content codes with description of the part media professionals play.

225*+ ADVANCED PUBLIC SPEAKING

Three hours. Prerequisite: COM 101. An in-depth study of public address through examination of popular speeches, preparing and presenting manuscript, memorized, impromptu, and extemporaneous speeches.

230*+ INTERPERSONAL COMMUNICATION

Three hours. A study of the dynamics of human communication in various settings. Course focus is on verbal and nonverbal messages, listening, conflict, relationships.

301* ARGUMENTATION AND DEBATE

Three hours. Prerequisite: COM 225 or permission of instructor. Training in the fundamentals of argumentation and debate; practice in gathering and organizing evidence and supporting materials. Students will debate various subjects.

302*+ NEWS REPORTING

Three hours. Prerequisite: COM 201. Writing and researching news for delivery through print, broadcast and online media, with an emphasis on print media.

303+ EDITING AND LAYOUT

Three hours. Prerequisite: COM 220 and 302. Principles and practice of selecting and editing news stories, and designing news publications.

304*+ ONLINE MEDIA

Three hours. Prerequisite: COM 222 or COM 303. The study of how to prepare and display news information online, how to evaluate content for and on the web.

305 INTRODUCTION TO PUBLIC RELATIONS

Three hours. Survey of Public Relations and communications practices affecting agencies, corporations, non-profits and government. How to maintain an environment in which to do business.

306*+ FEATURE WRITING

Three hours. Prerequisite: COM 302. Writing the feature and interpretative article, commentary, and review.

307* ADVERTISING

Three hours. Survey of advertising methods. Emphasis on preparation of advertisements, the importance of packaging, campaigns, and the use of marketing analysis.

310*+ PUBLIC AFFAIRS REPORTING

Three hours. Prerequisite: COM 302. How to identify news resources, gather information, and write print news articles or broadcast stories in the political and government policy arena.

312 PUBLIC RELATIONS WRITING

Three hours. Prerequisite: COM 201. Writing press releases, white papers, scripts, feature stories, etc. for clients wanting to create and/or maintain a business relationship with specific publics.

317+ ADVERTISING DESIGN

Three hours. Prerequisite: COM 220. A non-art course emphasizing the deadline-driven elements of advertising design in the professional world with an emphasis on agency needs.

320 PHOTO COMMUNICATION

Three hours. Advanced techniques in photography and the skills involved in developing and processing photographs for all areas of the printed media.

333* BROADCAST JOURNALISM I

Three hours. An introduction to the process of electronic news gathering including field reporting (video), writing for broadcast, the production of multiple camera newscasts with anchor stories and illustrative video footage.

340+ MEDIA PRODUCTION

Three hours. Prerequisite: COM 201. The study of the principles and practices involved in every stage of publication production. Class will complete a student media project.

380 RESEARCH FOR PR AND NEWS

Three hours. Prerequisite: MAT 157. The identification of useful data and techniques for communications projects and the analysis and interpretation of traditional, research resources used in journalism and in corporate communication.

405 ADVERTISING and PUBLIC RELATIONS CAMPAIGNS

Three hours. Prerequisite: COM 201 and COM 305 or COM 307. The orchestration of research, planning and communicating skill for a client or employer seeking to achieve measurable outcomes

that influence target publics.

406 COMMUNICATION LAW

Three hours. Freedom of the press; libel and slander, censorship, and other legal issues in all areas of the media.

409*+ NEWS MEDIA PROJECTS

Three hours. Prerequisite: Senior standing in News Media Concentration. Special project topics that refine and apply print sequence skills learned in previous journalism classes. The production of broadcast feature segments for radio and television.

412* MEDIA BUYING

Three hours. Prerequisite: COM 307. The complex study of cost effectiveness and efficiency concerning media buys for clients or employers.

414*+ PUBLIC RELATIONS TOPICS

Three hours. Prerequisite: COM 305. Special topics selected from the fields of Investor Relations, Environmental Public Relations, or other specialty areas.

444 BROADCAST JOURNALISM II

Three hours. Prerequisite: COM 333. Continues the process of electronic news gathering with the addition of interviews both in the field and in the studio. The production of newscasts with anchor stories and reporter packages (audio and video).

460, 461 INTERNSHIP

Three hours each. Prerequisite: Permission of faculty. Independent work in the mass media -- newspapers, magazines, radio and television, company publications, and public relations and advertising firms. Individual conference on assignments; preparation of a project from some phase of field experience.

499 COMMUNICATION ISSUES

Three hours. Prerequisite: Senior status in the major. Seminar in which professional issues in advertising, public relations, and journalism are debated.

Computer Science

Bachelor of Arts or Bachelor of Science

(For concentration in Business Administration see Departmental Concentrations under Business)

Major requirements: Thirty-three hours including CSC 220, 246, 302, 330, 340, 400 and fifteen hours of additional 300 or 400 level coursework (excluding CSC 300, 430, 475E, 476E, 477E).

Minor requirements: CSC 220, 246, 302, 330, 340, 400, and 405.

Supportive requirements, B.A. degree: Twelve hours of intermediate proficiency in a foreign language, three hours in philosophy and fifteen hours of mathematics at or above MAT 110.

Supportive requirements, B.S. degree: Fifteen hours in the natural sciences (non-mathematics/non-computer science) selected in consultation with the advisor and fifteen hours of mathematics at or above MAT 110.

Note: Only courses in which grades of "C" or higher are earned may count toward degree.

105*+ COMPUTER CONCEPTS

Three hours. (Does not count toward CSC major.) General introductory course; emphasis on simple programming, word-processing, spreadsheets, hardware, systems analysis, and data communications. Lab time.

220+ C/C++ PROGRAMMING I

Three hours. Prerequisite: CSC 105 or equivalent or MAT 106 or higher. Covers fundamental C/C++ statements, modularity and topdown program design, predefined functions, user defined functions, data types, data files, pointers and arrays.

246+ VISUAL BASIC

Three hours. Corequisites: CSC 105 or equivalent or MAT 106 or higher. An introduction to programming using Visual Basic. Emphasis on designing and managing forms, procedures and file management using a graphic user interface.

261+ INTRODUCTION TO COMPUTER ASSISTED DESIGN

Three hours. Prerequisites: CSC 105 or a higher level computer programming course, MAT 106 or a higher level mathematics course. Knowledge of trigonometry is advised. An interdisciplinary course teaching the uses of AUTO CAD programming and its applications in multiple areas of study.

300+ MICROCOMPUTERS IN EDUCATION, K-12

Three hours. Same as EDU 300. (Does not count toward CSC major.) Prerequisite: Admission to Student Teaching. Provides a description of microcomputer systems and their application to school instructional and administrative functions. Special emphasis will be given to programming in BASIC, evaluation and selection of hardware and software, and examination of available resources on instructional computing.

301+ BUSINESS PROGRAMMING

Three hours. Prerequisite: CSC 105 and a lower level CSC programming course. Development of programming skills essential for solution of business problems.

302*+ DATABASE DESIGN

Three hours. Prerequisite: CSC 105 or permis-

sion of faculty. A course emphasizing database design and programming in a database environment.

306*+ SYSTEMS ANALYSIS AND DESIGN

Three hours. Prerequisite: CSC 105. An overview of the systems development life cycle with emphasis on techniques and tools of system documentation and logical system specification.

330*+ C/C++ PROGRAMMING II

Three hours. Prerequisite: CSC 220. Covers advanced C/C++ programming, object oriented design, emphasis on user interface.

340+ DATA STRUCTURES

Three hours. Prerequisite: CSC 330. Covers the identification of classes of problems solvable using well-defined data structures and algorithms including recursion, stacks, linked lists, binary trees, searching and sorting algorithms.

400*+ SOFTWARE SYSTEM DEVELOPMENT

Three hours. Prerequisite: CSC 330 and CSC 340. Software system design and development, specifications models, software tools, group programming, with emphasis on real world large-scale applications.

405+ DATABASE PROGRAMMING

Three hours. Prerequisite: CSC 302. Programming in the database environment addressing custom database programming and graphical user interfaces (GUI).

407*+ APPLIED SYSTEM DESIGN

Three hours. Prerequisite: CSC 246. A capstone systems course integrating the knowledge and abilities gained through the other computer-related courses in the curriculum with emphasis on comprehensive systems development.

421+ VISUAL AND MULTIMEDIA PROGRAMMING

Three hours. Prerequisite: CSC 220 and 246. Design of multimedia applications, visual programming with interactive windows, audio, animation and video. Culminates in major multimedia programming project using structure and modularity.

430+ INSTRUCTIONAL TECHNOLOGY

Three/Two hours. Same as EDU 430. (Does not count toward CSC major.) Prerequisite: Admission to Teacher Education. Methods and materials for the utilization of instructional technology and teacher-made multimedia in the classroom. Special emphasis will be given to teacher computer literacy and the use of microcomputer systems and software as teaching-learning tools.

446+ NUMERICAL METHODS

Three hours. Same as MAT 446. Prerequisite: MAT 212 and CSC 220. Applied numerical methods for digital computers including numeric inte-

gration and differentiation, solution of polynomial equations, curve fitting and solving systems of linear equations using a computer programming language.

451+ SELECTED TOPICS IN COMPUTER SCIENCE

Three hours. Prerequisite: CSC 330 or permission of faculty. Covers contemporary topics in computer science (ADA, Coding Theory, JAVA, LISP, Neural Networks, etc.) May be repeated as topics vary.

460-461+ INTERNSHIP

Three hours each. Prerequisites: Senior standing; permission of faculty; minimum 2.5 grade point average. Correlating theory and practice in two operational settings; supervision by cooperating practitioners and faculty in several areas of application.

475E+ COMPUTER APPLICATIONS FOR TEACHERS

Three hours. Same as EDU 475E. (Does not count toward CSC major.) Examines the use of microcomputers in the classroom for record-keeping, test construction, grade analysis, instructional applications, and other functions. A variety of computer courseware will be examined and evaluated. (No programming involved.)

476E+ PROGRAMMING FOR COMPUTER ASSISTED INSTRUCTION

Three hours. Same as EDU 476E. (Does not count toward CSC major.) Prerequisite: CSC 105 or 300 or permission of faculty. BASIC programming for teachers desiring to develop their own instructional programs in drill and practice, simulations, tutorials, etc. Designed for students who have had a prior course in BASIC or who have knowledge of BASIC programming.

477+ COMPUTER PROGRAMMING IN LOGO

Three hours. Same as EDU 477. (Does not count toward CSC major.) Construction of programs in LOGO and an examination of the LOGO language for use in the classroom. Especially valuable for elementary teachers and those interested in developing problem solving/thinking skills and strategies utilizing the computer.

Criminology

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-three hours including CRM 280, 340, 350, 360, 370, 440, 450, 460, 499, MAT 157, and PHI 206.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours chosen in consultation with advisor.

Supportive requirements, B.S. degree: Fifteen hours chosen in consultation with advisor.

280+ INTRODUCTION TO CRIMINAL JUSTICE

Three hours. A survey of the criminal justice decision network with emphasis on the principles and values which undergird criminal justice.

340 CRIMINOLOGY

Three hours. The nature and extent of crime, criminal typologies, criminological theory.

350 POLICING IN AMERICAN SOCIETY

Three hours. The functions and responsibilities of police with emphasis on issues and problems of American police.

360+ JUVENILE DELINQUENCY

Three hours. The nature and extent of juvenile delinquency, theories of causation, prevention, and treatment.

370+ METHODS OF SOCIAL RESEARCH

Three hours. Same as SOC 370. Prerequisite: Twelve hours in Criminology and MAT 157. Application of the scientific method in the study of social phenomena: research design, sampling, measurement, data collection, and analysis.

440+ JUDICIAL PROCESSES

Three hours. The jurisdictions, policies, and procedures of American courts. Rules of evidence and the impact of appellate court decisions on criminal justice processes.

450 CORRECTIONS AND REHABILITATION

Three hours. The history and philosophy of correctional programs, theory, and research.

460 CRIMINOLOGY PRACTICUM

Three or six hours. Offered only in the Fall. Prerequisites: Senior criminology major; permission of faculty. Practical experience in one or more criminal justice agencies or in research. Class will focus on integrating theory and practice.

499*+ SEMINAR IN CRIMINOLOGY

Three hours. Prerequisites: Senior standing; permission of faculty. Not limited to criminology majors. Readings, research, and class discussion on crime-related topics of contemporary importance such as corporate, environmental or political crime, violence, drugs, prison over-crowding, etc.

Economics

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty hours including ECO 205, 206, 305, 306, 308, and 499, plus twelve additional hours in economics.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language, three hours in philosophy, CSC 105, and MAT 157.

Supportive requirements, B.S. degree: CSC 105, MAT 157, and 201 or 211.

Student majors in Economics should enroll in 205, 206, and MAT 157 prior to the junior year. Those anticipating graduate study are advised to enroll in additional quantitative courses and other appropriate electives.

104* THE ECONOMICS OF PUBLIC ISSUES

Three hours. An examination of significant societal issues such as poverty, healthcare, pollution, etc., from an economic perspective. This course may not be taken for credit after having received credit for either 205 or 206, and does not count toward either a major or minor in economics.

205 PRINCIPLES OF MACROECONOMICS

Three hours. Basic economic concepts, principles, and macroeconomic analysis; the U.S. economic system, national income, employment, fiscal and monetary policies; problems of economic growth and stability; international trade, finance, and comparative systems.

206 PRINCIPLES OF MICROECONOMICS

Three hours. Basic economic concepts, principles, and microeconomic analysis; production and pricing of goods, the factors of production, economics of the firm, and distribution of output.

305 MACROECONOMIC THEORY

Three hours. Prerequisite: ECO 205. National income and product accounts; theory of aggregate demand, employment, consumption, investment, price level, and economic growth.

306 MICROECONOMIC THEORY

Three hours. Prerequisite: ECO 206. Decision making in a market-oriented economy. Consumer theory, production theory, and pricing and output under differing market structures.

308 MONEY AND BANKING

Three hours. Prerequisite: ECO 205. An analysis of the monetary and banking systems and the im-

pect of the financial sector upon real economic magnitudes. Topics include the Federal Reserve system, monetary policy and its implementation, and the relation of domestic and international financial markets and monetary problems.

316* AMERICAN ECONOMIC HISTORY

Three hours. The history of economic development of the U.S. from colonial times to the present. While focusing on growth and income distribution, topics will include: colonial development, slavery and southern agriculture, northern agriculture, emerging manufacturing, urbanization, and the changing role of government.

319* LABOR ECONOMICS

Three hours. Prerequisites: ECO 205, 206. Economic theory and analysis dealing with the supply and allocation of labor. The determination of wage rates, unemployment, and incomes will be integrated throughout the course. The emphasis of the course will be upon the analysis of the uniqueness of labor as a factor of production. The topic of human capital, and its valuation will be studied in depth.

320+ QUANTITATIVE METHODS

Three hours. Same as BUS 320. Prerequisite: MAT 157. Mathematical statistical tools for managerial analysis and decision making. Collection and presentation of data, probability distributions, index numbers, time series, forecasting, regression, correlation, and analysis of variance.

405* HISTORY OF ECONOMIC THOUGHT

Three hours. Development of economic doctrine and economic analysis from mercantilism to the modern period; emphasis placed upon writers who dominated the outlook of their time or exercised major influence upon later development.

406 PUBLIC FINANCE

Three hours. Prerequisites: ECO 205, 206. An examination of the public sector and its contribution to economic welfare. The course will include an analysis of expenditures and revenues with regard to their allocation and distribution effects; the concept and significance of social goods; the role of regulatory agencies; and an examination of fiscal policy as a means of promoting economic stabilization and growth.

407 INTERNATIONAL TRADE AND FINANCE

Three hours. Prerequisites: ECO 205, 206. An analysis of the causes and consequences of international trade and investment. Topics include theories of trade; U.S. Trade policy; the balance of payments; exchange rates; and the international monetary system.

415* INDUSTRIAL ORGANIZATION

Three hours. Prerequisite: ECO 206. A study of policy approaches to the problems of monopoly;

industrial market structures and how they influence firm conduct and economic performance; welfare implications of oligopoly pricing and nonprice competition; government regulation and antitrust policies in theory and practice.

499*+ SENIOR SEMINAR

Three hours. Prerequisite: Final semester senior status or permission of faculty. Selected topics. Opportunity for original research. Major research paper. Final presentation to economics faculty.

Education

Bachelor of Arts or Bachelor of Science

ELEMENTARY EDUCATION, 1-6

Major requirements: Sixty-five hours including EDU 206, 209, 220, 225, 301, 302, 303, 310, 316, 325, 335, 338, 346, 347, 415, 430, 455, 458, EXS 210, and the following courses to be taken during student teaching: EDU 464, 466.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy. (MAT 115 or 157, PSY 207, and SOC 305 must be taken as core requirements.)

Supportive requirements, B.S. degree: Twelve hours of electives chosen in consultation with faculty advisor. (MAT 115 or 157, PSY 207, and SOC 305 must be taken as core requirements.)

PREKINDERGARTEN/PRIMARY/ELEMENTARY EDUCATION (AGE 3-GRADE 6)

Major requirements: Eighty-two hours, including EDU 225, 301, 302, 303, 316, 335, 338, 346, 347, 430, 455, 458, EXS 210, and PKP 201, 202, 226, 227, 309, 311, 312, 314, 366, 415, 416, 418, and the following courses to be taken during student teaching: EDU 464, 466.

Supportive requirements, B.A. degree: *This degree program requires 140 semester hours for graduation.* Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy. (MAT 115 or 157 and PSY 207 must be taken as core requirements.)

Supportive requirements, B.S. degree: *This degree program requires 137 semester hours for graduation.* Twelve hours: six hours chosen in consultation with faculty advisor and six hours of unrestricted liberal arts electives. (MAT 115 or 157 and PSY 207 must be taken as core requirements.)

ELEMENTARY EDUCATION, 1-6/SPECIFIC LEARNING DISABILITIES, K-12

Major requirements: Eighty hours including EDU 206, 209, 220, 225, 301, 302, 303, 316, 335, 338, 346, 347, 415, 430, 455, 458, EXS 210, 216, 306, 317, 325, 351, 406, 407 and the following courses to be taken during the student teaching semester: EDU 464, 466.

Supportive requirements, B.A. degree: *This degree program requires 138 semester hours for graduation.* Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy. (MAT 115 or 157, PSY 207, and SOC 305 must be taken as core requirements.)

Supportive requirements, B.S. degree: *This degree program requires 135 semester hours for graduation.* Twelve hours: six hours chosen in consultation with faculty advisor and six hours of unrestricted liberal arts electives. (MAT 115 or 157, PSY 207, and SOC 305 must be taken as core requirements.)

SPECIFIC LEARNING DISABILITIES, K-12 (OPTIONAL VARYING EXCEPTIONALITIES, K-12 ADD-ON)

Major requirements: Sixty-eight hours including EXS 210, 216, 306, 317, 325, 351, 406, 407; EDU 206, 209, 225, 301, 302, 303, 335, 347, 415, 430, 455, 458, and the following courses during the student teaching semester: EDU 464, and 466.

Students may elect to add-on Varying Exceptionalities, K-12 to this major with the following courses: EXS 401, 405, and 410.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours of philosophy.

Supportive requirements, B.S. degree: Twelve hours (eleven hours with VE add-on) with six hours of unrestricted liberal arts electives and the remainder to be chosen in consultation with faculty advisor. MAT 115 or 157, PSY 207, and SOC 305 must be taken as core requirements.

SECONDARY EDUCATION

The student must complete all requirements for an academic major in a specific certification subject or field. Certification requirements for professional preparation include EDU 206, 209, 301, 302, 310, 325, 430, 451 or 452 or 453, EXS 210, and the following courses to be taken during student teaching: EDU 465, 467.

Professional preparation for teaching is offered in conjunction with the following majors: Art, K-12; Biology, 6-12; English, 6-12; History, 6-12; Mathematics, 6-12; Music, K-12; Physical Education, K-8; Physical Education, 6-12; Political Science, 6-12; Social Science, 6-12; and Spanish, K-12.

ART, MUSIC, PHYSICAL EDUCATION

Students who major in Art, Music, or Physical Education will take Special Methods courses in their major departments as follows: ART 380; MUS 475, 476, 477; PED 377 or 378.

NOTE: Only courses in which grades of "C" or higher are earned may count toward the major.

Education

206 INTRODUCTION TO EDUCATION

Three hours. An overview of the historical, philosophical, and social foundations of education. Introduction to curriculum (K-12), and public school organizational patterns.

209 EDUCATIONAL PSYCHOLOGY

Three hours. Contributions of psychology to the development of a technology of classroom teaching: emphasis on teaching methods and principles of learning, including evaluation and measurement systems.

220* TEACHING FINE ARTS IN ELEMENTARY SCHOOL

Three hours. Methods and materials appropriate for teaching art, music, and drama in the elementary schools.

225 THEORIES IN CLASSROOM MANAGEMENT

Two hours. Prerequisite: Admission to Teacher Education. This course is designed to be an overview of effective proactive classroom management strategies appropriate for all educational settings regardless of grade and/or subject matter. Kounin, Dreikurs, Jones, Gordon, and Glasser are some of the theorists who will be covered. Skills-building projects and concurrent field based experience required.

226 EMERGENT LITERACY

Three hours. Same as PKP 226. Prerequisite: PSY 297. Focus on the development of literacy skills through immersion in language of literature as well as language of daily living during PreK-Primary years. Special attention to the development of a knowledge base related to the foundations of language and reading. Primary emphasis is on natural language learning in emergent literacy development. In depth discussion of language acquisition, listening, oral language, use of language experience, shared book experiences, guided reading and development writing in the emergent literacy stage of development. Planning for individual

and small group learning experiences, child and teacher initiated experiences and use of technology. Attention to literacy needs of second language children and the planning of the appropriate instruction for these children in the expressive and receptive language skills. Emphasis on holistic assessments such as anecdotal records, portfolios, and performance based assessments.

301/302/303 CONCURRENT FIELD STUDIES

One hour each. Prerequisite: Admission to Teacher Education. Supervised field studies taken simultaneously with major pedagogy courses. Block scheduling with specific courses and schools will be arranged each semester.

310 EDUCATIONAL TESTS AND MEASUREMENTS

Three hours. Prerequisite: Admission to Teacher Education. Quantitative approach to the construction, evaluation, and interpretation of standardized and teacher-made tests, formal and informal assessment techniques.

316 SCIENCE IN THE ELEMENTARY SCHOOL

Three hours. Prerequisite: Admission to Teacher Education. Content and methods emphasized in basic principles of science; understanding of scientific method in teaching of children.

325* CLASSROOM ORGANIZATION AND MANAGEMENT

Two/Three hours. Same as EXS 325. Prerequisites: EDU 206, 209, EXS 210, and admission to Teacher Education. This course is designed to examine, evaluate and practice theories and strategies of classroom management which will be looked at as a process for organizing and controlling the "total" classroom environment. Management of student behavior will be a major component of this course.

335 MATHEMATICS IN THE ELEMENTARY SCHOOL

Three hours. Prerequisite: Admission to Teacher Education. New concepts in teaching elementary mathematics. Emphasis on the real number system and its subsystems, relating these systems to basic concepts of algebra and geometry.

338 SOCIAL STUDIES IN THE ELEMENTARY SCHOOL

Three hours. Prerequisite: Admission to Teacher Education. Content, materials, skills, and evaluative procedures in teaching social studies. Special emphasis is given to economics education at the elementary level.

346*+ TEACHING CHILDREN'S LITERATURE IN ELEMENTARY SCHOOL, K-6

Three hours. Prerequisite: Admission to Teacher Education. An integrated approach to the teaching and sharing of literature for children in kin-

dergarten through sixth grade. Demonstrations of relevant generic competencies.

347 TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL, K-6

Three hours. Prerequisite: Admission to Teacher Education. An integrated approach to the study of content, materials, and methods of teaching the language arts. Emphasis is on developmental communication skills in composition, spelling, listening, speaking, handwriting, and grammar in kindergarten through sixth grade. Includes demonstrations of relevant generic competencies.

348 DEVELOPMENTAL LITERACY

Three hours. Prerequisite: EDU 226, Admission to Teacher Education. Preservice teacher candidates are engaged with contemporary theories and methods of teaching reading and other language arts. Emphasis is placed on basal and literature based approaches to developmental reading. Planning and instruction in the sequential development of skills and concepts of word recognition, comprehension, and content area reading skills will be covered. Concurrent field based experience required.

378 ELEMENTARY PHYSICAL EDUCATION

Three hours. Same as PED 378.

412 HISTORY & PHILOSOPHY OF MIDDLE GRADES, 5-9

Three hours. The history and philosophy of the middle grades movement; a review of the professional literature and research on the development of the middle school and its relationship to traditional school organization patterns, including its role in a complex multi-cultural social environment.

414 CURRICULUM AND INSTRUCTION IN MIDDLE GRADES

Three hours. An overview of curriculum and instruction requirements unique to middle grades schools; special emphasis on the development, implementation, and evaluation of grades 5-9 curriculum; instructional strategies appropriate to middle grades teaching.

415 THEORIES AND PRACTICES OF TEACHING ENGLISH SPEAKERS OF OTHER LANGUAGES (ESOL)

Three hours. Same as PKP 415. Planning, implementing, and evaluating developmentally appropriate methods and unique experiences to meet the needs of children who speak a language other than English. Characteristics of second language learners, second language acquisition processes, and oral language development. Discussion of major trends in ESOL teaching as well as appropriate resources in ESOL methodologies. Exploration of various social contexts that maximize language and literacy development for second language learners such as collaborative groups and teacher-student conferencing. Focus on instruc-

tional strategies that effective teachers use to promote literacy development in all students.

430+ INSTRUCTIONAL TECHNOLOGY

Three/two hours. Same as CSC 430. Prerequisite: Admission to Teacher Education. Methods and materials for the utilization of instructional technology and teacher-made multi-media in the classroom. Special emphasis will be given to teacher computer literacy and the use of micro-computer systems and software as teaching-learning tools.

441 MIDDLE GRADES ENGLISH, 5-9

Three hours. Prerequisites: EDU 206, 209, and admission to Teacher Education, or permission of the Education Department. Planning for teaching English in the middle school using a variety of research-based techniques, materials, and teaching strategies. Special emphasis will be given to dealing with the needs of the middle grade student and to working effectively in a team approach to teaching. A minimum of ten hours of field-based experience is required in addition to class hours for preservice undergraduate students.

442 MIDDLE GRADES GENERAL SCIENCE, 5-9

Three hours. Prerequisites: EDU 206, 209, and admission to Teacher Education, or permission of the Education Department. Description is identical to 441 except area.

443 MIDDLE GRADES MATHEMATICS, 5-9

Three hours. Prerequisites: EDU 206, 209, and admission to Teacher Education, or permission of the Education Department. Description is identical to 441 except area.

444 MIDDLE GRADES SOCIAL SCIENCE, 5-9

Three hours. Prerequisites: EDU 206, 209, and admission to Teacher Education, or permission of the Education Department. Description is identical to 441 except area.

451 SPECIAL METHODS IN SECONDARY SUBJECTS

Four hours. Prerequisites: EDU 206, 209; admission to Teacher Education. For majors in English, Journalism, Social Sciences, and Theatre. Planning for teaching in the secondary subject areas using a variety of research-based techniques, materials, and teaching strategies. Special emphasis is given to the research base on effective teaching behaviors in the FPMS. Twenty hours of field-based experience required in addition to class hours.

452 SPECIAL METHODS IN SECONDARY SUBJECTS

Four hours. Prerequisites: EDU 206, 209; admission to Teacher Education. For majors in Mathematics, Science. Description is identical to 451

except areas.

453 SPECIAL METHODS IN TEACHING FOREIGN LANGUAGES, K-12

Four hours. Prerequisites: EDU 206, 209; admission to Teacher Education. Planning for teaching the foreign language in kindergarten through twelfth grade using a variety of research-based techniques, materials, and teaching strategies. Special emphasis is given to the research base on effective teaching behaviors in the FPMS. Twenty hours of field-based experience required in addition to class hours.

455 READING IN THE ELEMENTARY SCHOOL

Three hours. Prerequisite: Admission to Teacher Education. Materials and practices in teaching reading. History of reading, reading skill foundations; phonics; readiness procedures; word recognition; and programmed devices.

456 TRENDS IN TEACHING READING

Three hours. Prerequisite: Admission to Teacher Education. Examines current trends and issues in the teaching of reading. Focuses on models of reading instruction, methods, and materials.

457 READING IN SECONDARY SCHOOLS

Two hours. Prerequisites: EDU 206, 209. The study of methods, materials, and techniques of teaching reading in the content areas. Brief overview of basic reading systems.

458*+ CORRECTIVE READING

Three hours. Prerequisites: EDU 347, 455; admission to Teacher Education. Diagnosis and correction of reading difficulties within the regular classroom. An in-field diagnosis and a prescriptive program of instruction are required.

STUDENT TEACHING

464 TEACHING IN ELEMENTARY SCHOOL

Three hours. Prerequisites: Completion of major and permission of faculty. Weekly seminar for student teachers. Discussion and analysis of general methods of teaching in the elementary school.

465 TEACHING IN SECONDARY SCHOOL

Two hours. Prerequisites: Completion of major and permission of faculty. Weekly seminar for student teachers. Discussion and analysis of general methods of teaching in the secondary school.

466 ELEMENTARY STUDENT TEACHING

Twelve hours. Prerequisites: Completion of major and permission of faculty. Assignment to full-time student teaching.

467 SECONDARY STUDENT TEACHING

Twelve hours. Prerequisites: Completion of ma-

job and permission of faculty. Assignment to full-time student teaching.

Exceptional Student Education

210 EXCEPTIONAL STUDENTS

Three hours. A survey course in the study of varying exceptionalities. Includes etiology, terminology, incidence, diagnosis, characteristics, and educational implications.

216 LEARNING DISABILITIES

Three hours. Survey of student learning disabilities. Methods of early identification; curriculum; materials for instruction; measurement concepts.

306 LANGUAGE DEVELOPMENT AND SPEECH DISABILITIES

Three hours. Prerequisite: Admission to Teacher Education. Attention to language models, speech handicaps, and how these characteristics relate to the materials and instructional strategies in the classroom.

317 EVALUATION AND ASSESSMENT

Three hours. Prerequisites: EXS 216 and admission to Teacher Education. Knowledge and application of student assessment, evaluative techniques for translating diagnostic information into appropriate learning environments for exceptional students.

325* CLASSROOM ORGANIZATION AND MANAGEMENT

Three hours. Same as EDU 325. Prerequisites: EDU 206, EDU 209, EXS 210, and admission to Teacher Education.

351 TEACHING SOCIAL AND PERSONAL SKILLS FOR EXCEPTIONAL STUDENTS, K-12

Three hours. Prerequisites: EXS 210 and admission to Teacher Education. An examination of effective teaching strategies for helping exceptional students develop personal and social skills. Specific attention is given to employability skills, career awareness, and transition planning for adult living. A school-based case-history is required.

406 CURRICULUM AND INSTRUCTIONAL RESOURCES FOR STUDENTS WITH SPECIFIC LEARNING DISABILITIES, K-12

Three hours. Prerequisites: EXS 210, 216, 317, PSY 207, and admission to Teacher Education. A study of the curriculum, instructional materials, and other resources for teaching students with specific learning disabilities. Participants will develop, evaluate, and use a variety of instructional resources for SLD students. A ten hour school-based practicum is required.

407+ PRESCRIPTIVE TEACHING FOR STUDENTS

Three hours. Prerequisite: Admission to Teacher Education. An exploration of effective instructional strategies for teaching students with specific learn-

ing disabilities. Special attention is given to specialized approaches to teaching basic skills and adaptation of curriculum and materials to meet the needs of SLD students. A ten-hour school based practicum is required.

426 PROBLEMS IN STUDENT BEHAVIOR MANAGEMENT

Three hours. Designed for all classroom teachers, K-12. Factors motivating students' behavior; intervention strategies to enhance/lessen the effect of these factors; specific strategies and principles for managing student behavior. All students will be required to develop, implement, and evaluate an IBMP (Individual Behavior Management Plan). Graduate credit will require a case study in addition to other course requirements.

PREKINDERGARTEN PRIMARY EDUCATION

201 THEORY/PRACTICE IN PRE-K/PRIMARY EDUCATION

Three hours. Focus on historical and contemporary theories and theorists in the fields of prekindergarten/elementary education. Special attention to models which serve ESOL children. Examination of program models as related to theories of learning, intelligence, and practice. Investigation of professional organizations, journals, research, and activities in the field. Study of state and national codes of professional ethics as well as current issues, trends, federal and state laws, rules, and regulations.

202+ DEVELOPMENTALLY APPROPRIATE CURRICULUM IN PREKINDERGARTEN/PRIMARY PROGRAMS (AGE THREE-GRADE 3)

Three hours. Prerequisite: PKP 201. Focus on developmentally appropriate curriculum as defined by NAEYC and other professional organizations. Development of curriculum to promote interactive learning and encourage construction of knowledge, active learning, and allows children to make meaningful choices. Planning for social, emotional, physical, and cognitive goals for each child while promoting democratic goals.

226 EMERGENT LITERACY

Three hours. Same as EDU 226. Prerequisites: PKP 202 (PKP majors)

227* HEALTH, SAFETY AND NUTRITION

Three hours. Study of issues related to child health, safety, and nutrition. Emphasis on symptoms of common childhood diseases and procedures for disease prevention and control in classroom setting with young children. Focus on indicators of child abuse and neglect including reporting procedures, substance abuse, psychological needs, poor nutrition, injury, illness and disease, and established medical conditions including human im-

munodeficiency virus (HIV), acquired immune deficiency syndrome (AIDS) and hepatitis B, and services for prevention and intervention to ameliorate these. Planning for appropriate inclusion of health safety and nutrition concepts in curriculum.

309+ CHILD STUDY/ASSESSMENT

Three hours. Focus on selection, use, and interpretation of developmentally appropriate formal and informal screening, assessment, and diagnostic instruments and procedures including informed clinical opinion to implement appropriate intervention, remediation, and enrichment activities. Experiences designed with emphasis on holistic information gathering techniques including anecdotal records, portfolios, interview, and appropriate assessment strategies including direct observation, performance based assessment and testing with norm, and criterion and curriculum referenced instruments. Measurement terms and principles used in construction and interpretation of screening and assessment procedures and instruments will be covered as well as procedures and legal requirements for establishing, maintaining, and using formal and informal records. Use of technology to facilitate diagnosis, assessment, and evaluation will be discussed in depth. Appropriate role expectations and collaborative procedures among assessment team members will be shared.

311+ CHILD GUIDANCE/CLASSROOM MANAGEMENT

Three hours. Prerequisite: EDU 225. Study of roles and responsibilities of personnel in differentiated staffing patterns. Developmentally appropriate strategies for guiding behavior and classroom management will be stressed. In-depth discussion of the development of intrinsic motivation in children, developmentally appropriate conflict resolution strategies, and appropriate indoor and outdoor environments to facilitate positive behavior and self-sufficiency. Methods for establishing and maintaining appropriate records with and without the use of technology will be explored.

312+ NATURE AND NEEDS OF SPECIAL CHILDREN

Three hours. Prerequisite: EXS 210. Focus on indications of children and their families with special needs and procedures; resources and programs for meeting those needs of prekindergarten-primary children. Appropriate interventions will be discussed. Course content including, but not limited to, family conferencing, procedures for mainstreaming, other appropriate settings, processes for screening, assessment, and placement. Family support plans (FSP) and individual education plans (IEP) will be developed as part of a team. Analysis of methods for working with children who are abused, abandoned, homeless, or neglected. Experiences with adaptive and assistive

technologies for children with special needs will be arranged.

314+ STRATEGIES FOR DEVELOPMENTALLY APPROPRIATE SOCIAL SCIENCES, MATH, AND SCIENCE

Three hours. Prerequisites: EDU 316, 335, and 338. Focus on planning, implementing, and evaluating developmentally appropriate and integrated content and methodology in the area of emergent and developing understanding of numeration and mathematical, social science, and science concepts. Analysis of content-developmentally-appropriate practices including, but not limited to: (a) individual/small group learning experiences, (b) child or teacher-initiated learning experiences, (c) learning through play-enriching and extended activities, (d) technology to facilitate learning, discovery learning, and problem solving, (f) creative expression, and (g) developing children's abilities to be resourceful learners. Experiences in the selection, creation, organization, and use of materials, activities, and environments to support developmentally appropriate practices, as well as adapting curriculum and practices for inclusion of special needs children and their families including those who are gifted and talented. Study of curriculum methods and materials that provide for the language needs of children and families with limited English proficiency.

366+ PRE-K/PRIMARY PRACTICUM

Three hours. Prerequisites: Completion of major and permission of faculty. Assignment in Early Learning Lab.

415 THEORIES AND PRACTICES OF TEACHING ENGLISH SPEAKERS OF OTHER LANGUAGES (ESOL)

Three hours. Planning, implementing, and evaluating developmentally appropriate methods and unique experiences to meet the needs of children who speak a language other than English. Characteristics of second language learners, second language acquisition processes, and oral language development. Discussion of major trends in ESOL teaching as well as appropriate resources in ESOL methodologies. Exploration of various social contexts that maximize language and literacy development for second language learners such as collaborative groups and teacher-student conferencing. Focus on instructional strategies that effective teachers use to promote literacy development in all students.

416 STRATEGIES FOR DEVELOPMENTALLY APPROPRIATE CREATIVE AND AESTHETIC EXPERIENCES FOR PRE-KINDERGARTEN/PRIMARY AGES 3-8 YEARS

Three hours. Must be taken concurrently with PKP 466, Student Teaching in Prekindergarten. Focus on planning, implementing, and evaluating devel-

omponentally appropriate and integrated content and methodology in the area of emergent and developing understanding of art, music, movement, and drama. Planning for inclusion of art, music, and movement in the integrated curriculum. Development of knowledge of songs, records, and activities appropriate to use with children age three - age eight. Relate classroom experiences utilizing different art materials and processes appropriate to developmental stages. Special attention to the importance of art and music as means of expression for special needs and second language children. Emphasis on ability to provide creative and divergent experiences in the following media: drawing and painting, tearing, cutting and pasting, printmaking, modeling, shaping, and construction and other appropriate techniques. Utilization of creative drama as a means of expression and language development.

418 HOME/SCHOOL PARTNERSHIP

Three hours. Overview of home school interactions including families' perspectives and expectations of the school/agency and the school's/agency's perspective and expectations of family. Discussion of major familial differences and similarities between and within different cultural groups in our state. Investigation of effects of contemporary family patterns on home-school communications, sources of stress for both parents and school persons, and structural approaches to promoting parent involvement and collaboration in school settings. Development of techniques for home visits, effective conferencing, and engaging family in child's education.

EVENING DEGREE COMPLETION PROGRAM

The College offers an Evening Degree Completion Program which is described fully in the Evening Degree Program Guide. This program differs in some respects from the regular full-time resident program of teacher education. Those courses which are germane only to the Evening Program are listed below with the designation E following the course number.

EVENING COURSES: Elementary 1-6

463E SCHOOL CURRICULUM K-12

Three hours. Prerequisites: EDU 206, 209, and admission to Teacher Education. Introduction to curricular designs, processes, and change.

466E TEACHING INTERNSHIP - ELEMENTARY

Twelve hours. Prerequisites: Completion of major and permission of faculty. Assignment to full-time student teaching in selected elementary schools. (Evening students will register for 6 hours

during two consecutive seven week terms for a total of 12 hours credit.)

475E COMPUTER APPLICATIONS FOR TEACHERS

Three hours. Same as CSC 475. Examines the use of microcomputers in the classroom for record-keeping, test construction, grade analysis, instructional applications, and other functions. A variety of computer courseware will be examined and evaluated. (No programming involved.)

CERTIFICATION EXTENSION: Add-on areas to Specific Learning Disabilities Certification:

Varying Exceptionalities, K-12.

Nine hours including EXS 401, 405, 410.

401 NATURE AND NEEDS OF MILDLY HANDICAPPED STUDENTS

Three hours. Prerequisites: EXS 210, 216, eligibility for certification in SLD. The nature, needs and curriculum for mildly handicapped students, including emotionally handicapped, educable mentally handicapped, and specific learning disabled students.

405 INSTRUCTIONAL STRATEGIES FOR TEACHING EMOTIONALLY HANDICAPPED

Three hours. Prerequisites: EXS 210, 216, eligibility for certification in SLD. An in-depth study of instructional strategies for students who are emotionally handicapped. Emphasis is on motivational techniques; development, implementation, and evaluation of individualized educational plans; and data-based management.

410 INSTRUCTIONAL STRATEGIES FOR TEACHING EDUCABLE MENTALLY HANDICAPPED

Three hours. Prerequisites: EXS 210, 216, eligibility for certification in SLD. An in-depth study of instructional strategies for educable mentally handicapped students. Emphasis is on the development, implementation, and evaluation of individualized educational plans; special approaches to teaching functional skills; developmental programming, and data-based management.

Gifted, K-12. Fifteen hours including EXS 346, 347, 348, 349, 350.

346 EDUCATION OF GIFTED STUDENTS

Three hours. An introduction and survey of the nature and needs of gifted children. Special attention is given to criteria for identification of gifted and intellectually superior students and determining their learning needs.

**347 CURRICULUM DEVELOPMENT
GIFTED EDUCATION**

Three hours. Educational procedures and curriculum development for gifted students with emphasis on theoretical models and strategies which can be used for preparation of materials and units of study.

348 COUNSELING GIFTED STUDENTS

Three hours. Provides opportunity to develop knowledge and understanding of the differential guidance and counseling needs of gifted children. Reviews the research related to guiding the gifted student.

349 ISSUES IN EDUCATING GIFTED STUDENTS

Three hours. Prerequisites: EXS 346, 347. An examination of issues related to educating special populations of gifted students such as minorities, underachievers, handicapped, and economically disadvantaged. The course focus is on special population characteristics and programmatic adaptations.

350 THEORY AND DEVELOPMENT OF CREATIVITY

Three hours. Prerequisite: EXS 346. A study of the elements of creativity, including fluency, flexibility, originality, and elaboration. Emphasis is on the teacher's role in identifying, nurturing, and appreciating creativity in students.

CERTIFICATION ENDORSEMENT: ESOL

**481 COMPREHENSIVE STRATEGIES
OF TEACHING ESOL, K-12**

Three hours. This course is designed to develop awareness and understanding of the major cultures represented by different language minorities. It will include curriculum design, instruction, assessment activities, methodology, and contrasting analysis between teaching English to native speakers and English to speakers of other languages.

482 METHODS OF TEACHING ESOL

Three hours. Designed to enable the participant to learn about second language philosophy, methodology, and contrasting analysis between teaching English to native speakers and English to speakers of other languages.

483 ESOL CURRICULUM AND MATERIALS DEVELOPMENT

Three hours. Focuses on applications of the theories, principles, and current research related to second language acquisition, as well as instructional techniques and materials relevant to development of ESOL curriculum.

484 CROSS CULTURAL COMMUNICATION AND UNDERSTANDING

Three hours. Designed to develop awareness and understanding of the major cultures represented by the different language minorities within the

State. It will provide insights that will enable participants to plan and implement curriculum, instruction, and assessment activities that will meet the special needs of LEP students who are speakers of other languages.

485 APPLIED LINGUISTICS

Three hours. The structure of the English language will be surveyed identifying areas that cause problems for non-native speakers. The various sources of these problems will be identified, including interference, acquisition strategies, and inherent complexity. Because the class is designed primarily for K-12 ESOL teachers, it will focus on the sound system, vocabulary system, and the grammatical system as they apply to children and teenagers. In addition to practical information concerning the structure of English, participants will learn various principles of second language acquisition and apply those principles to the teaching of English as a second language.

486 TESTING AND EVALUATION IN ESOL PROGRAMS

Three hours. Designed to improve and enhance the participant's knowledge to select and develop instruments of evaluation suitable for use with students who demonstrate limited English proficiency.

English

Bachelor of Arts

Major requirements: Thirty-nine hours including nine Core courses in English studies and a concentration of four courses in one of three areas: dramatic arts, literature, or writing. Core requirements: ENG 230, 305 or 306, 309, 310, 499 and at least twelve hours from the following: ENG 400, 402, 406, 407, 413 or 420, 425, 426, and 435 or 436.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

The prospective English major should meet the College's Core literature requirement by enrolling in ENG 205. Persons meeting the Department's requirements for a major in English who also complete the professional courses required by the Education Department will meet the certification requirements for teaching English in the State of Florida.

DRAMATIC ARTS CONCENTRATION

Concentration requirements: nine hours from among ENG 320, 325, 330, 420, and 440 and three hours from other approved 300- and 400-

level courses chosen in consultation with an advisor in the English Department.

LITERATURE CONCENTRATION

Concentration requirements: nine hours including ENG 340, 413, and 445 and three hours from other approved 300- and 400-level courses chosen in consultation with an advisor in the English Department.

WRITING CONCENTRATION

Concentration requirements: nine hours chosen from among ENG 300, 316, 317, 318, 319, and 450 and three hours from other approved 300- and 400-level courses chosen in consultation with an advisor in the English Department.

A 200 level course is a prerequisite for any 300 or 400 level course.

100 INTRODUCTION TO COLLEGE ENGLISH

Three hours. Concentrated study of the grammar and rhetoric of the English sentence. Designed to prepare the student to deal more effectively with the larger elements of composition which are the focus of ENG 101 and 102. Not open to any student with credit in an English course with a higher number.

101 EFFECTIVE WRITING

Three hours. Application of standard English usage and rhetoric in expository writing.

102 EFFECTIVE WRITING

Three hours. Prerequisite: ENG 101. Continued practice in the application of the principles taught in 101 with emphasis on critical reading, argumentation, research techniques, and documentation.

205 MASTERPIECES OF WESTERN LITERATURE

Three hours. Prerequisite: ENG 102. Study of distinctive works by eminent writers from ancient Greece to modern times.

206 SURVEY OF ENGLISH LITERATURE

Three hours. Prerequisite: ENG 102. Survey of representative writers of major periods of English literature.

207 SURVEY OF AMERICAN LITERATURE

Three hours. Prerequisite: ENG 102. Survey of major American authors of the nineteenth and twentieth centuries.

208 SURVEY OF CONTEMPORARY LITERATURE

Three hours. Prerequisite: ENG 102. Introduction to poetry, fiction, and drama written since 1950.

230* INTRODUCTION TO ENGLISH STUDIES

Three hours. Prerequisites: ENG 102. Concentrated study of and application of theory, practice, and issues in English studies. Emphasis on interpretative and critical reading, scholarly modes and documentation study, library resources, and oral presentation.

300* WRITING FOR BUSINESS

Three hours. Prerequisites: ENG 205 or 206 or 207 or 208 and permission of faculty. Study of all major forms of business communication including letters, memoranda, formal reports, and oral presentations.

305 SHAKESPEARE: EARLY PLAYS

Three hours. Histories, comedies, and tragedies written during the reign of Elizabeth I.

306 SHAKESPEARE: LATE PLAYS

Three hours. Comedies, tragedies, and romances, primarily those written during the reign of James I.

309 AMERICAN LITERATURE

Three hours. Survey of American writers from the Colonial Period to the Civil War.

310 AMERICAN LITERATURE

Three hours. Survey of American writers from the Civil War to the 1930's.

316 ADVANCED GRAMMARS

Three hours. Required for teacher certification. Exploration of traditional, structural, and transformational analyses of English. Teacher-education majors may substitute 316 for one of the four courses in the area of concentration.

317 ADVANCED EXPOSITORY WRITING

Three hours. Application of methods of effective writing as related to purpose; focus on usage, structure, style, conciseness, and rhetorical principles.

318* CREATIVE WRITING

Three hours. Practice in imaginative writing, both prose and verse.

319 PERSUASIVE WRITING

Three hours. Study and practice of persuasive rhetorical techniques and the development of argumentative strategies.

320 CLASSICAL DRAMA

Three hours. Study of the origins and development of Greek and Roman drama, the physical conditions of the theatres, acting methods and stage conventions, audience conditions, and examination of some comedies and tragedies by major playwrights of Greece and Rome.

325* MODERN DRAMA

Three hours. Great plays from Ibsen to the present.

330* FILM STUDIES

Three hours. Same as COM 330. The film as literature, critical analysis and evaluation of films. Development of personal critical standards through class discussion and written assignments.

340 MYTH AND LEGEND

Three hours. Study of myths and legends of various cultures.

345 ADOLESCENT LITERATURE

Three hours. Survey of major authors and genres of classic and contemporary literature written for and about adolescents.

370 LITERATURE BY WOMEN

Three hours. Survey of literature by selected women writers from the Middle Ages to the present.

400 MEDIEVAL ENGLISH LITERATURE

Three hours. English Literature from Beowulf through Malory, with emphasis on Chaucer.

402 THE SIXTEENTH CENTURY

Three hours. Literature of the English Renaissance excluding Shakespeare and emphasizing Spenser and Marlowe.

406 THE SEVENTEENTH CENTURY

Three hours. Selected writers of the later Elizabethan through the Restoration period, with emphasis on Milton.

407 THE EIGHTEENTH CENTURY

Three hours. English Literature from Swift through Johnson.

413 THE NOVEL

Three hours. Genesis and development of the English language novel to the present.

420 THE EPIC

Three hours. Study of the themes, structure, impact, and cultural connections inherent in the epic genre, focusing on non-English epics as well as contemporary variations on the epic form.

425 THE ENGLISH ROMANTIC PERIOD

Three hours. Literature of the early nineteenth century with emphasis on poetry.

426 VICTORIAN LITERATURE

Three hours. English literature from Tennyson to Hardy.

435* THE TWENTIETH CENTURY

Three hours. Close reading and analysis of poetry, short fiction, and novels written in America since World War I.

436* THE TWENTIETH CENTURY

Three hours. Close reading and analysis of poetry, short fiction, and novels written in Europe since World War I.

440 SPECIAL TOPICS IN DRAMATIC ARTS

Three hours. Specialized study of one or more related aspects of the dramatic arts. May be taken more than once.

445 SPECIAL TOPICS IN LITERATURE

Three hours. Specialized study of one or more related aspects of the literature: authors, themes, or genres. May be taken more than once.

450 SPECIAL TOPICS IN WRITING

Three hours. Specialized study of one or more genres. May be taken more than once.

499* SENIOR SEMINAR

Three hours. An in-depth exploration of one or more literary topics with emphasis on written and oral presentation.

Geography

320*+ CULTURAL GEOGRAPHY

Three hours. The study of the cultural and political aspects of geography.

328 GEOGRAPHY AND RESOURCE USE

Three hours. Same as EDU 328. Natural resources of the United States and of Florida.

340*+ WORLD/REGIONAL GEOGRAPHY

Three hours. The study of climate, soil, and economic aspects of geography.

Geology

190 INTRODUCTION TO GEOLOGY

Four hours. A non-mathematical introductory survey of major topics including minerals, rock types, continental drift, paleontology, seismology, and plate tectonics.

History

Bachelor of Arts

Major requirements: Thirty-three hours including HIS 101, 102, 211, 212, 415, and 18 additional hours to be distributed as follows: six hours from HIS 305, 306, 307, 308, 309, and 310 (European History sequence); six hours from HIS 313, 314, 319, and 327 (National histories other than the United States); and six hours from HIS 317, 335, 336, and 405 (American History).

Supportive requirements: POS 115; twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

Persons meeting the Department's requirements for a major in History who also complete the professional courses required by the Education Department will meet the certification requirements for teaching History in the State of Florida. HIS 335 is strongly recommended.

101 WESTERN CIVILIZATION TO 1648

Three hours. A survey of our cultural tradition from human origins through the Reformation; political, social, economic, religious, intellectual, and aesthetic developments are included.

102 WESTERN CIVILIZATION SINCE 1648

Three hours. A survey of our cultural tradition from the Reformation to the present; political, social, economic, religious, intellectual, and aesthetic developments are included.

211 UNITED STATES HISTORY I

Three hours. The social, political, economic, and aesthetic development of the United States from the Age of Discovery through the Civil War.

212 UNITED STATES HISTORY II

Three hours. The social, political, economic, and aesthetic development of the United States from the Civil War to the present.

305* ANCIENT HISTORY

Three hours. Development of ancient civilizations, culminating in the cultures of Greece and the unification of the Mediterranean world by the Romans.

306* MEDIEVAL HISTORY

Three hours. Roots and origins of "European" society from the fall of Rome to the Italian Renaissance.

307* RENAISSANCE AND REFORMATION

Three hours. European development and expansion from the Italian Renaissance to 1648.

308* EARLY MODERN EUROPE

Three hours. European development and expansion from 1648 to the fall of Napoleon.

309* NINETEENTH CENTURY EUROPE

Three hours. Development of Europe from 1815 to the end of World War I focusing on such forces as industrialism, liberalism, nationalism, Marxism, and imperialism.

310* AMERICA IN THE TWENTIETH CENTURY WORLD

Three hours. A study of the significant economic, political, and social developments in the U.S. and the major nations of Europe since 1900, with emphasis on the U.S.

313* HISTORY OF ENGLAND I

Three hours. The British Isles from the first habitation to the creation of Parliamentary government.

314* HISTORY OF ENGLAND II

Three hours. Development of British society from the Seventeenth Century to the present.

317* UNITED STATES FOREIGN POLICY

Three hours. Same as POS 317. Development of United States foreign policies, with emphasis on the Twentieth Century; principles, aims, applications, and decision making processes.

319 HISTORY OF RUSSIA

Three hours. An examination of the development of Russian civilization from the ninth century to the present, with emphasis on the period since 1861.

327* HISTORY OF EAST ASIA

Three hours. Culture and development of China and Japan from ancient origins to the present with emphasis on the modern period.

335* HISTORY OF FLORIDA

Three hours. The political, social, and economic development of Florida from 1513 under Spanish, French, British, and American control.

336* MODERN LATIN AMERICA

Three hours. A survey of economic, political, and social problems of the nations of Latin America since the wars of Independence with an emphasis on the twentieth century.

405* HISTORY OF THE SOUTH

Three hours. Prerequisites: HIS 211 and 212. The distinctive aspects of southern history from colonial times to the present, emphasizing the Old South and the Civil War.

415*+ HISTORIOGRAPHY

Three hours. The methodological and philosophical assumptions of historians and the applications thereof.

460, 461 INTERNSHIP

Three hours each. Prerequisites: Twelve hours in History, POS 115, Junior or Senior standing, and permission of faculty. Students compare and contrast theory and application while working on-the-job in a library, museum, or government office.

Humanities

Bachelor of Arts

Major requirements: Completion of general requirements, some of which may be used to fulfill core courses, and, in addition to the core and general requirements, twelve hours in each of two areas of the humanities, as specified below.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language and three hours of philosophy.

General requirements: ART 170; ENG 205; HIS 101, 102; HUM 499, MUS 165; PHI 205; THE 109.

Art Emphasis: four courses including at least two from ART 371, 372, 377, 378.

Communication Emphasis: four courses selected from COM 221, 222, 305, 307, 405, 406, 499.

English Emphasis: four courses, three of which must be at the 300 or 400 level. (No 100 level English courses count toward this emphasis.)

Modern Language Emphasis: four courses beyond the second year level. (Only Spanish offered currently.)

Music Emphasis: MUS 171, 172, 381, 382.

Religion Emphasis: four courses, three of which must be at the 300 or 400 level.

Theatre Emphasis: four courses including THE 401 and 402.

499 SENIOR SEMINAR

Three hours.

EVENING COURSE

109E MUSIC AND ART IN THE WESTERN WORLD

Three hours. Survey of major artists and movements from the Greeks to the present.

Languages

Language and Linguistics

101 HELLENISTIC GREEK

Three hours. Basic grammar, syntax, and vocabulary of Hellenistic Greek.

102 HELLENISTIC GREEK

Three hours. A continuation of Greek grammar, syntax, and vocabulary with an emphasis on reading elementary Greek texts.

201* READINGS IN GREEK

Three hours. Readings in Hellenistic Greek texts outside the New Testament; practice in grammar and vocabulary building.

202* READINGS IN GREEK

Three hours. Reading of New Testament texts with emphasis on interpretation of the Greek text, along with studies in Textual Criticism. May count toward the core requirement in Religion.

203 LANGUAGE IN MUSIC

Three hours. Course limited to music majors. The study of French and Italian in musical perspective, utilizing elements of grammar, reading, pronunciation, and sociocultural developments within music history.

204 LANGUAGE IN MUSIC

Three hours. Course limited to music majors. The study of German (and languages other than French and Italian) in musical perspective, utilizing elements of grammar, reading, pronunciation, and sociocultural developments within music history.

French

101 FIRST YEAR FRENCH

Three hours. Lab required. Basic communication in the language, pronunciation, elements of grammar, reading, writing, and speaking simple French.

102 FIRST YEAR FRENCH

Three hours. Lab required. Prerequisite: FRE 101 or equivalent. Continued development of basic grammar skills through reading comprehension, writing, and speaking.

201* SECOND YEAR FRENCH

Three hours. Lab TBA. Prerequisite: FRE 102 or equivalent. Review of grammar, composition, and conversation. Practice in reading.

202* SECOND YEAR FRENCH

Three hours. Lab TBA. Prerequisite: FRE 201 or equivalent. Emphasis on the application of grammar to writing skills. Continued development of oral proficiency.

305* ADVANCED COMPOSITION AND CONVERSATION I

Three hours. Prerequisite: FRE 202 or equivalent. Intensive practice in several forms of conversation and conversational strategy. Grammar review as needed.

306* ADVANCED COMPOSITION AND CONVERSATION II

Three hours. Practice in several prominent forms of written communication. Grammar review as needed.

307 FRENCH CIVILIZATION I

Three hours. The study of the civilization of France from the Middle Ages through the 18th century with emphasis on its history, art, customs, and culture.

308 FRENCH CIVILIZATION II

Three hours. The study of the civilization of France from the 19th through the 20th century.

311 SURVEY OF FRENCH LITERATURE I

Three hours. The reading of works from the Middle Ages to the 18th century.

312 SURVEY OF FRENCH LITERATURE II

Three hours. The reading of works from the 19th and 20th centuries.

315 BUSINESS FRENCH

Three hours. Course designed to familiarize students with the French speaking business world through the study of textbooks and recent magazine and newspaper articles; recommended for students of Business Administration concentrating in International Management.

406 FRENCH LITERATURE OF THE NINETEENTH CENTURY

Three hours. Study of Romanticism, Naturalism, Parnassianism, and Symbolism.

407 MODERN FRENCH LITERATURE

Three hours. Study of important writers and trends of the 20th century.

Spanish *Bachelor of Arts*

Major requirements: thirty hours above the 100 level.

Minor requirements: eighteen hours above the 100 level.

Supportive requirements: Three hours in philosophy; fifteen hours in humanities and/or history selected in consultation with the advisor.

Additional supportive requirements for Teacher Certification: Thirty-four hours, including: EDU 206, 209, 310, 453; EXS 210, 325; plus Student-Teaching: EDU 430, 465, 467.

Prerequisites: 100 or 200 level courses must be taken in sequence or proficiency demonstrated by a standardized test approved by the College as prerequisite to all other courses.

101 FIRST YEAR SPANISH

Three hours. Lab required. Basic communication in the language: pronunciation, elements of grammar, reading, writing, and speaking simple Spanish.

102 FIRST YEAR SPANISH

Three hours. Lab required. Prerequisite: SPA 101 or equivalent. Continued development of basic grammar skills through reading comprehension, writing, and speaking.

201 SECOND YEAR SPANISH

Three hours. Lab TBA. Prerequisite: SPA 102 or equivalent. Review of grammar, composition, and conversation. Practice in reading.

202 SECOND YEAR SPANISH

Three hours. Lab TBA. Prerequisite: SPA 201 or equivalent. Emphasis on the application of grammar to writing skills. Continued development of oral proficiency.

305 ADVANCED COMPOSITION AND CONVERSATION I

Three hours. Prerequisite: SPA 202 or equivalent. Advanced training in grammar and free composition. Intensive practice in spoken Spanish.

306 ADVANCED COMPOSITION AND CONVERSATION II

Three hours. Improvement of fluency in written and spoken Spanish.

307* SPANISH CIVILIZATION

Three hours. Study of the civilization of Spain, with emphasis on its history, art, customs, and

culture.

308* SPANISH-AMERICAN CIVILIZATION

Three hours. Survey of history and culture of Spanish-American countries from Mayas and Incas to present.

311 SURVEY OF SPANISH LITERATURE

Three hours. General view of Spanish literature, authors, and different genres from epic poetry to present; emphasis on Golden Age and Romanticism to "tremendismo" and Neo-Realism.

312* SURVEY OF SPANISH-AMERICAN LITERATURE

Three hours. Survey of Spanish-American literature from the letters of Columbus to present with emphasis on main literary trends and authors, such as Sor Juana, Heredia, Marti, Dario, Mistral, Borges, Vallejo, and Neruda.

315 BUSINESS SPANISH

Three hours. Course designed to familiarize students with the Spanish speaking business world through the study of textbooks and recent magazine and newspaper articles; recommended for students of Business Administration concentrating in International Management.

317 SPANISH SHORT STORY

Three hours. Important trends, authors and works from the Middle Ages to the present, with emphasis on the 19th and 20th centuries. Chosen for their significance in the literary growth of Spain.

318 LATIN-AMERICAN SHORT STORY

Three hours. Important trends, authors, and works since the beginning of this genre in Spanish-America to the present, selected in order, to give a broad perspective of the development of the short story in these countries.

406 CONTEMPORARY SPANISH NOVEL

Three hours. Study of important trends, authors, and novels of the 20th century, emphasizing Modernism, Vanguardism, "tremendismo," and Neo-Realism.

407 MODERN SPANISH DRAMA

Three hours. Study of representative works of modern Spanish dramatists, including Benevente, the Quinteros, Lorca, Casona, Vallejo, and Rubio.

Mathematics

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-one hours including MAT 211, 212, 213, eighteen hours of additional 300 or 400 level mathematics courses, and one CSC course at 200 level or above. Only a course

with a grade of "C" or better will count toward the major or minor.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

Supportive requirements, B.S. degree: Fifteen hours in the natural sciences (non-computer science) selected in consultation with the student's advisor.

Supportive requirements, B.S. degree and seeking certification in teaching mathematics in secondary school: 36 semester hours, including EDU 206, 209, 301, 302, 310, 325, 430, 452, EXS 210, and internship consisting of EDU 465, 467. (For students working on B.S. degree, the 36 semester hours may be used in place of the 15 hours natural sciences). It is recommended students wishing to teach at the secondary school level take MAT 300, 301, and 411.

100 BASIC CONCEPTS OF ALGEBRA

Three hours. Does not count toward core or major. Study of sets, number systems, signed numbers, fundamental operations, exponents, radicals, equations, and inequalities.

106 COLLEGE ALGEBRA

Three hours. Does not count toward major. Study of sets, polynomials, factoring, radicals, linear equations and inequalities, quadratic equations, functions.

108 INTRODUCTION TO DISCRETE MATHEMATICS

Three hours. A study of various areas of modern mathematics. Topics from sets, relations, logic, graph theory, truth tables, applications and history of mathematics. Credit may be earned for MAT 106 and 108 and they may be taken in any order.

110 PRECALCULUS MATHEMATICS

Five hours. A study of polynomial, rational, exponential, logarithmic, and trigonometric functions and coordinate geometric techniques. Credit may be earned for MAT 106 and 110 if taken in this order.

115 FUNDAMENTAL MATHEMATICS FOR TEACHERS

Three hours. Prerequisite: MAT 106 or 108. Selected topics from set theory, number systems, and geometry. Enrollment limited to education majors.

157 ELEMENTARY STATISTICS

Three hours. Prerequisite: MAT 106, 108 or permission of faculty. Study of descriptive analysis, correlation, simple regression analysis, probability distributions, sampling distributions, hypothesis testing and confidence intervals.

201 BASIC CALCULUS I

Three hours. Prerequisite: MAT 106 or permission of faculty. Basic analytic geometry; differentiation and integration of single variable functions; optimization and other applications of single variable calculus. This is an applied course for non-mathematics majors.

202 BASIC CALCULUS II

Three hours. Prerequisite: MAT 201. Differentiation and integration of multi-variable and trigonometric functions; differential equations; Taylor series and polynomials; elementary matrix algebra. For non-mathematics majors.

208 BIOSTATISTICS

Three hours. Prerequisite: MAT 157 or permission of faculty. Applied statistical tools for analysis and decision making with applications for biology, environmental and agricultural sciences. Statistical terminology, collection and presentation of data, probability distributions, sampling, experimental design, parametric and nonparametric procedures, regression, correlation and analysis of variance. Class demonstrations of analysis using statistical software.

211+ CALCULUS WITH PLANE ANALYTIC GEOMETRY I

Five hours. The study of differentiation and integration of algebraic and transcendental functions. Application of differentiation, Mean Value Theorem, maximum/minimum problems and Fundamental Theorem of Calculus. Topics in plane analytic geometry. Use of a computer algebra system (CAS) required.

212+ CALCULUS WITH PLANE ANALYTIC GEOMETRY II

Four hours. Prerequisite: MAT 211. Continuation of MAT 211. Techniques and applications of integration, Simpson's and Trapezoidal Rules, improper integrals, parametric equations, and polar coordinates. Use of a computer algebra system (CAS) required.

213+ CALCULUS WITH PLANE ANALYTIC GEOMETRY III

Four hours. Prerequisite: MAT 212. Continuation of MAT 212. Solid analytic geometry, vector calculus, partial differentiation, multiple integrals, infinite sequences and series. Use of a computer algebra system (CAS) required.

300+ MODERN GEOMETRY

Three hours. Prerequisite: MAT 211. Study of proofs in Euclidean and non-Euclidean geometry.

301 MODERN ALGEBRA I

Three hours. Prerequisite: MAT 211. Methods of proof; mappings and operations of sets; elementary properties of groups including Lagrange's Theorem, isomorphism and Cayley's Theorem.

302 MODERN ALGEBRA II

Three hours. Prerequisite: MAT 301. Methods of proof in modern algebra including the study of

elementary groups, cyclic groups, group homomorphisms, isomorphisms, quotient groups, integral domains, fields, and an introduction to Galois theory.

305+* DIFFERENTIAL EQUATIONS

Three hours. Prerequisite: MAT 212 or permission of faculty. The study of ordinary differential equations including: n-th order linear differential equations, Laplace transforms, existence and uniqueness theorems, series solutions and systems of ordinary differential equations.

308+ MATH METHODS OF CHEMISTRY AND PHYSICS

Three hours. Same as CHE 308 and PHY 308. Prerequisite: MAT 212, PHY 212. Topics involved in applied mathematics. Some topics included are complex variables, special functions, Fourier series, integral transforms, and linear vector spaces.

341+ LINEAR ALGEBRA

Three hours. Prerequisite: MAT 211 or permission of faculty. The study of matrices, solution of homogeneous and non-homogeneous systems of equations, vector spaces, linear mappings, determinants, eigenvalues and eigenvectors.

345+ DISCRETE MATHEMATICS

Three hours. Prerequisite: MAT 211 or permission of faculty. Mathematical topics fundamental to the study of theoretical computer science. Algorithms, Boolean algebras, counting techniques, combinatorics, graph theory, languages and recurrence relations.

411+ PROBABILITY AND STATISTICS

Three hours. Prerequisite: MAT 213. Study of probability models, random variables, discrete and continuous distributions, sampling estimation, multivariate random variables, hypothesis testing, and confidence intervals.

420+ ELEMENTARY ANALYSIS

Three hours. Prerequisites: MAT 213, 301. Study of analytic proofs; advanced set theory, mappings, infinite series, real analysis, and Cantor sets.

446+ NUMERICAL METHODS

Three hours. Same as CSC 446. Prerequisites: MAT 212 and CSC 220. Applied numerical methods for digital computers including numeric integration and differentiation, solution of polynomial equations, curve fitting and solving systems of linear equations using a computer programming language.

450 NUMBER THEORY

Three hours. Prerequisite: MAT 213. The study of Classical Number Theory. Topics include Induction, Binomial Theorem, Divisibility Theory of Integers, GCD, Euclidean Algorithm, Primes and Prime Factorization, Theory of congruences and other topics as time permits.

499 JUNIOR/SEMINAR SEMINAR

Three hours. Prerequisite: Faculty approval with Junior or Senior status. Preparation and presen-

tation by students of papers in mathematics or computer science based on directed research. Presentation by students of papers in mathematics or computer science based on directed research. Presentation of topics by faculty member as time and interest permits.

Military Science

The Department of Military Science offers courses of instruction, in either four-year or two-year programs, leading to a commission as an officer in the U.S. Army. Students taking Military Science (ROTC) courses denoted by the symbol {#} incur no service obligation and no haircut rules are imposed. All courses are equally open to women.

Qualified students receive \$150 a month during advanced coursework, normally given during the junior and senior years. Interested individuals may also apply for ROTC Scholarships during their Freshman and Sophomore years which pay tuition costs, books, materials, fees, and \$150 a month. Upon completion of requirements, students may be commissioned as Second Lieutenants in the United States Army. Students can request duty in the U.S. Army Reserve, the National Guard, or the Active Army.

Active service for ROTC graduates may be deferred up to eleven months, and for those studying for advanced degrees, it may be postponed for one to four years.

107*, 108*, 207*, 208*, 307*, 308*, 407*, 408* PRACTICUM IN LEADERSHIP

One hour each. Leadership in a wide variety of situations and conditions; modules and experiences are structured to produce success in military operations, business, industry, sports, or the classroom; rapid decision-making, concern for others, and moral and physical courage; self-defense training, first aid, marksmanship, map reading, air and water operations, mountaineering, escape, and survival training.

115* INTRODUCTION TO ARMY OFFICER TRAINING

Two hours. An inside view of the United States Army; Army organization, missions and functions of the twenty-three branches of the Army, and how people are matched to service needs; forty-four different officer career fields, additional education, pay, promotions, and assignments within the Army.

206* AMERICAN MILITARY HISTORY

Three hours. Development and operations of the American military system from the Colonial Period to the present.

305* LEADERSHIP DEVELOPMENT

Three hours. Leadership theory and practice for results-oriented people; methods of leadership employed by current and historical leaders are analyzed with regard to both the times and fundamental conclusions; case studies are examined in order to discover and define problems, better gather relevant facts, develop alternative courses of action, and select the best solutions under stressful conditions.

406* RESOURCE MANAGEMENT

Three hours. Management of persons, money, material, time, and space; manpower utilization, methods of command and control used by the government; government budget cycle, procedures and techniques for controlling property, and security measures for loss prevention; professional ethics of the military officer.

460*, 461* INTERNSHIP

Three hours each. For beginning military science students who successfully complete the Army ROTC Basic Camp at Fort Knox, KY (six weeks of basic military skills and introduction to leadership) and who enroll in advanced military science; advanced military science students who successfully complete the Army ROTC Advanced Camp at Fort Bragg, NC (Six weeks of advanced leadership training and military skills development). Opportunities for three-week tours with active Army units are also available.

Music

Bachelor of Music, Bachelor of Sacred Music, Bachelor of Music Education, Bachelor of Arts, or Bachelor of Science

The Department of Music offers courses of instruction leading to bachelors' degrees in Music, Sacred Music, and Music Education. Curricula are also offered in Music and Sacred Music leading to the Bachelor of Arts degree. A related program in Music Management leads to a Bachelor of Science degree.

All programs of study in Music are structured in full four-year formats. All majors must accomplish a level of piano proficiency as prescribed for the particular applied music concentration and degree program. It is essential that students wishing to major in music audition with the department before initial registration. Those wishing to pursue a concentration in composition must present a portfolio of compositions by the beginning of the sophomore year for consideration of acceptance into that degree program.

A music minor consists of 6 hours of applied music, 9 hours music theory, 4 hours music history and literature, and 5 hours music ensembles chosen in consultation with the department chairman.

BACHELOR OF MUSIC: Applied Concentration

Major requirements: Eighty semester hours including thirty-two hours in applied music and performance classes and Junior and Senior Recitals; eighteen hours in music theory; ten hours in music history and literature; nine hours in ensemble; four hours in conducting; and seven hours of music electives. (Voice concentration majors must include three hours of Diction in their electives.)

Supportive and core requirements: Forty-four hours outside the major including English 101, 102 and a sophomore literature course; Religion 205 or 206, and one other course in Religion or Philosophy; Math 106 and another math course above Math 106; six hours of foreign language (Language 203, 204); two hours of physical education including PED 105 and a skill course; and fifteen additional hours of liberal arts courses. The liberal arts electives must include at least three hours from the Social Sciences.

BACHELOR OF MUSIC: Composition Concentration

Major requirements: Eighty-one credit hours including thirty-four hours in music theory and composition; twenty-two hours in applied music and junior/senior recitals; eight hours in music ensembles; four hours in conducting; ten hours in music history and literature; and three hours in music electives.

Supportive and core requirements: Forty-four hours outside the major including ENG 101, 102 and a sophomore literature course; REL 205 or 206 and an additional course in religion or philosophy; MAT 106 and another course above MAT 106; six hours of foreign language (LAN 203 and 204); two hours of physical education including PED 105 and a skill course; and fifteen additional hours of liberal arts supportives, of which three must be from the Social Sciences.

BACHELOR OF SACRED MUSIC

Major requirements: Seventy-eight semester hours including twenty-eight hours in applied music, performance classes and Senior Recital; eighteen hours in music theory; ten hours in music history and literature; eight hours in ensemble; four hours in conducting; seven hours in sacred music including Internship and Service Playing; and three hours of music electives. (Voice concentration majors must include two hours of Diction in their

electives.)

Supportive and core requirements: Forty-four hours outside the major including English 101, 102 and a sophomore literature course; Religion 205 or 206, and one other course in Religion or Philosophy; Math 106 and another math course above Math 106; six hours of foreign language (Language 203, 204); two hours of physical education including PED 105 and a skill course; and fifteen additional hours of liberal arts courses. The liberal arts electives must include at least three hours from the Social Sciences.

BACHELOR OF MUSIC EDUCATION

Major requirements: *This degree program requires 140 semester hours for graduation.* Seventy-four semester hours including nineteen hours in applied music including Senior Recital; eighteen hours in music theory including Mus 171, 172, 271, 272, 371 including three hours of theory electives; ten hours in music history and literature; nine hours in ensemble; four hours in conducting; and fourteen hours in music education (MUS 275, 276, 375, 376, 377, 475, 476, 477) and twenty-seven hours in education (EDU 206, 209, 325, 430, 465, 467, and EXS 210). Voice concentration majors will add two hours of diction.

Supportive and core requirements: Thirty-nine semester hours including English 101, 102 and a sophomore literature course; Religion 205 or 206, and one other course in Religion or Philosophy; six hours of foreign language (Language 203, 204); two hours of physical education including PED 105 and a skill course; six hours in Social Science; Math 106 plus another math course above Math 106; four hours in natural science.

BACHELOR OF ARTS MUSIC

Music Major requirements: Forty-nine hours including fourteen hours in applied music including Senior Recital; eighteen hours in music theory; six hours in music history; nine hours in ensemble participation; two hours in conducting.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy. See page 37 for core requirements.

BACHELOR OF ARTS SACRED MUSIC

Major requirements: Fifty-five hours including fourteen hours in applied music including Senior Recital; eighteen hours in music theory; six hours in music history; six hours in sacred music; nine hours in ensemble participation; two hours in conducting.

Supportive requirements: Twelve hours or proficiency in a foreign language and three hours in philosophy.

The sacred music major ordinarily will study both voice and organ, choosing one as the primary and the other as the secondary area of applied music concentration. See page 37 for core requirements.

INTERDEPARTMENTAL MAJOR

BACHELOR OF SCIENCE MUSIC MANAGEMENT

Major requirements: Fifty-nine hours: Fifteen hours in Business Administration: BUS 217, 306, 311, 345, 499; twenty-nine hours in Music: six hours in music theory, one hour in music literature, three hours in music history, nine hours in ensemble, four hours in applied music, four hours in pedagogy, and two hours in conducting; and fifteen hours in Music Management: MUS 454, 455, 459, and 462.

Supportive requirements: Fifteen hours including ACC 201, 202, CSC 105, ECO 205, and 206. See page 37 for core requirements. (Math 157 must be taken as the second math core requirement.)

ENSEMBLE PARTICIPATION

Prerequisite: Permission of faculty. Ensembles carry one semester hour of credit for each semester of participation.

CHORALE

101-102; 201-202; 301-302; 401-402

SOUTHERN SINGERS

105-106; 205-206; 305-306; 405-406

OPERA THEATRE

107-108; 207-208; 307-308; 407-408

CHORAL SOCIETY

109-110; 209-210; 309-310; 409-410

SYMPHONY BAND

111-112; 211-212; 311-312; 411-412

JAZZ ENSEMBLE

113-114; 213-214; 313-314; 413-414

PIANO ENSEMBLE

119-120; 219-220; 319-320; 419-420

ORCHESTRA

121-122; 221-222; 321-322; 421-422

CHAMBER ENSEMBLE

123-124; 223-224; 323-324; 423-424

APPLIED MUSIC

Applied music courses, individual instruction in voice or instrument, are offered for one to four semester hours credit. The performance classes carry one-half semester hour credit, and the classes in voice and piano are one semester hour courses.

STRINGS (violin, viola, cello, bass)
131-132; 231-232; 331-332; 431-432

STRINGS PERFORMANCE CLASS
131P-132P; 231P-232P; 331P-332P; 431P-432P

PIANO
133-134; 233-234; 333-334; 433-434

PIANO PERFORMANCE CLASS
133P-134P; 233P-234P; 333P-334P; 433P-434P;

CLASS PIANO
133C-134C; 233C-234C; 333C-334C; 433C-434C

WOODWINDS (flute, clarinet, oboe, bassoon, saxophone)
135-136; 235-236; 335-336; 435-436

WOODWINDS PERFORMANCE CLASS
135P-136P; 235P-236P; 335P-336P; 435P-436P

BRASS (trumpet, trombone, french horn, euphonium, tuba)
137-138; 237-238; 337-338; 437-438

BRASS PERFORMANCE CLASS
137P-138P; 237P-238P; 337P-338P; 437P-438P

PERCUSSION
139-140; 239-240; 339-340; 439-440

PERCUSSION PERFORMANCE CLASS
139P-140P; 239P-240P; 339P-340P; 439P-440P

ORGAN
141-142; 241-242; 341-342; 441-442

ORGAN PERFORMANCE CLASS
141P-142P; 241P-242P; 341P-342P; 441P-442P

VOICE
143-144; 243-244; 343-344; 443-444

VOICE PERFORMANCE CLASS
143P-144P; 243P-244P; 343P-344P; 443P-444P

CLASSICAL GUITAR
147-148; 247-248; 347-348; 447-448

GUITAR PERFORMANCE CLASS
147P-148P; 247P-248P; 347P-348P; 447P-448P

MUSIC APPRECIATION

163 BEGINNING PIANO

Two hours. An introduction to basic keyboard skills in a lab setting recommended for persons with no previous piano study. Will not apply toward fine arts core requirement.

164 HISTORY OF JAZZ

Three hours. Development of jazz as a medium of musical expression.

165 GREAT WORKS OF MUSIC

Three hours. A comprehensive survey of Western music.

SACRED MUSIC

266 HYMNOLOGY

Three hours. History of hymnody; survey and evaluation of hymns and hymn tunes, values and function of hymn singing in both Christian education and Christian worship.

366 CHURCH MUSIC

ADMINISTRATION
Three hours. Traditional liturgies and forms of service of the Christian churches with emphasis on the function and the place of music in worship. The organization and development of adult, youth, and graded children's choirs.

367 SERVICE PLAYING

One hour. A practical course in the function of the organ in the church service.

368 CHURCH MUSIC MATERIALS AND TECHNIQUES

Three hours. Rehearsal and tone production techniques. Materials suited for church choirs at various levels of maturity.

460, 461 INTERNSHIP

Three hours each. Supervised laboratory or field work in various settings; designed to provide practical learning opportunity for application of theory and principle. Course limited to senior sacred music majors.

MUSIC THEORY

171 THEORY: INTRODUCTORY HARMONY I

Three hours. Comprehensive review of theory fundamentals, culminating in an introduction to diatonic harmonic practices with laboratory development of aural and writing skills through sightsinging, eartraining, and keyboard harmony.

172 THEORY: INTRODUCTORY HARMONY II

Three hours. Prerequisite: MUS 171. A study of written diatonic harmony and basic chromatic harmony through part-writing, functional analysis and original composition with laboratory applications in eartraining, sightsinging, and keyboard harmony.

179 COMPOSITION I

One hour. Supervised writing for various media through seminar study.

180 COMPOSITION II

One hour. Supervised writing for various media through seminar study.

271 THEORY: ADVANCED HARMONY I

Three hours. Prerequisite: MUS 172. Study of modulation, chromatic and extended traditional harmonic practices, and fundamental counterpoint. Continued development of aural skills.

272 THEORY: ADVANCED HARMONY II

Three hours. Prerequisite: MUS 271. Study of advanced chromatic practices, homophonic forms,

and twentieth century techniques through writing and analysis. Continued development of aural skills.

279 COMPOSITION III

One hour. Supervised writing for various media through independent study.

280 COMPOSITION IV

One hour. Supervised writing for various media through independent study.

371 THEORY: FORM AND ANALYSIS

Three hours. Prerequisite: MUS 272. Emphasis on stylistic analysis of musical forms from the Baroque, Classical, Romantic, and Modern Periods.

372 THEORY: COUNTERPOINT

Three hours. In-depth study of 18th century practices in contrapuntal writing. Original compositions: 2-pt. invention, 3-voiced fugue, chorale prelude.

373 ARRANGING

Two hours. Prerequisite: MUS 371. Techniques of arranging for choral and instrumental media, with emphasis on the large and small ensembles.

379 COMPOSITION V

One hour. Supervised writing for various media through independent study.

380 COMPOSITION VI

One hour. Supervised writing for various media through independent study.

471 ORCHESTRATION

Three hours. Techniques of effective scoring for band and orchestra.

473 TWENTIETH CENTURY STUDIES

Three hours. Detailed analysis of compositions representing major trends and developments since 1900.

479 COMPOSITION VII

Two hours. Supervised writing for various media through independent study.

480 COMPOSITION VIII

Two hours. Supervised writing for various media through independent study.

MUSIC EDUCATION

275 STRINGS PEDAGOGY

One hour. Preparation for teaching and demonstrating all string instruments.

276 WOODWIND PEDAGOGY

One hour. Preparation for teaching and demonstrating all woodwind instruments.

375 BRASS PEDAGOGY

One hour. Preparation for teaching and demonstrating all brass instruments.

376 PERCUSSION PEDAGOGY

One hour. Preparation for teaching and demonstrating all percussion instruments.

377 VOCAL PEDAGOGY

One hour. Techniques and materials for teaching voice in the individual and the group lesson.

378 PIANO PEDAGOGY

Two hours. Techniques and materials for teaching piano in the individual and the group lesson.

475* FOUNDATIONS OF MUSIC EDUCATION

Three hours. An overview of the historical and philosophical foundations of music education, the psychology of music learning, and current trends in music education. Course will deal with the essential competencies necessary for effective music teaching. Ten hours of field-based experience are required in addition to class hours.

476* ELEMENTARY SCHOOL METHODS AND MATERIALS

Three hours. Prerequisite: MUS 475. Emphasizes the development of essential competencies for teaching music at the elementary level. Course includes survey of appropriate materials, research-based techniques and teaching strategies. Ten hours of field-based experience are required in addition to class hours.

477 SECONDARY SCHOOL METHODS AND MATERIALS

Three hours. Prerequisite: MUS 475. Emphasizes the development of essential competencies for teaching music at the secondary level. Course includes survey of appropriate materials, research-based techniques and teaching strategies. Ten hours of field-based experience are required in addition to class hours.

MUSIC HISTORY AND LITERATURE

181 INTRODUCTION TO MUSIC LITERATURE

One hour. Musical development from the Middle Ages through the present. The course follows the stylistic evolution and trends in music with particular emphasis on individual composers' influence.

281 HISTORY AND LITERATURE OF THE PIANO

Three hours. Prerequisite: Permission of faculty. Development of the piano and its literature with stylistic approach to traditions and interpretation. Recommended for majors with piano concentration.

381 HISTORY OF MUSIC I

Three hours. The development of musical thought from antiquity through the Baroque era, (c.1750) illustrated through study of representative compositions.

382 HISTORY OF MUSIC II

Three hours. The development of musical thought from the end of the Baroque era through the Romantic era (c. 1900), illustrated through study of representative compositions.

383 VOCAL LITERATURE I

One hour. Examination of traditional Italian, German, and French repertory for voice.

384 VOCAL LITERATURE II

One hour. Examination of repertory for voice by English and American composers.

385 HISTORY OF MUSIC III

Three hours. The development of musical thought from the end of the Romantic era through the present, illustrated through study of representative compositions.

483 ORGAN LITERATURE I

One hour. Examination of sacred and secular organ literature from the 15th through 18th centuries.

484 ORGAN LITERATURE II

One hour. Examination of sacred and secular organ literature from the 18th century through the present.

MUSIC MANAGEMENT

454 MUSIC RETAILING

Three hours. Methods of retailing music products, including instruments; publications; and artist management.

455 MUSIC PRODUCT

Three hours. Thorough acquaintance with piano, wind instruments, home and church organs, and string, percussion, and electronic instruments.

459 MUSIC MANAGEMENT

Three hours. Examination of music publishing, copyright regulations, finance contracts, governmental regulations, and concert management.

462 INTERNSHIP

Six hours. Prerequisites: Completion of all courses required in this curriculum and permission of faculty. A six week internship in the music industry is required of all students electing the Bachelor of Science degree in Music Management.

MUSIC: GENERAL OFFERINGS

185 GERMAN DICTION

One hour. One semester study of German diction for voice concentration majors.

186 ITALIAN DICTION

One hour. One semester study of Italian diction for voice concentration majors.

187 FRENCH DICTION

One hour. One semester study of French diction for voice concentration majors.

386 INSTRUMENTAL CONDUCTING

Two hours. Development of conducting and rehearsal techniques, error detection, and score study. Course will include a survey of literature appropriate for secondary school ensembles.

387 CHORAL CONDUCTING

Two hours. Conducting patterns applied to elements of interpretation, tone, balance, diction, and phrasing.

388 JAZZ IMPROVISATION

One hour. Prerequisite: Permission of faculty. Improvisational techniques in actual jazz perfor-

mance.

389 ACCOMPANYING AND COACHING

One hour. Prerequisite: Permission of faculty. Instrumental and vocal accompanying for the pianist with emphasis on stylistic traditions and with special attention to the art song.

390 JUNIOR RECITAL

One or two hours. Requirements determined by candidate's major concentration area.

490 SENIOR RECITAL

One or two hours. Requirements determined by candidate's major concentration area.

Nursing

Bachelor of Science in Nursing

The curriculum in Nursing is limited to advanced undergraduate courses for students who have already completed a diploma or associate degree nursing program and who are currently licensed as a Registered Nurse by the Florida State Board of Nursing. All 300 level Nursing courses must be completed prior to enrolling in 400 level Nursing courses or have permission of faculty. The entire program must be completed within seven years of admission.

Major requirements: Thirty-three hours of Nursing courses in addition to those taken in ASN or diploma programs. NUR 307, 312, 316, 346, 356, 412, 417, 426, 446, and 499.

Supportive requirements: Twelve hours including BIO 425, BUS 217, CHE 311, and MAT 157.

NOTE: Only courses in which grades of "C" or higher are earned may count toward the major.

307* CONCEPTUAL FOUNDATIONS OF PROFESSIONAL NURSING

Three hours. Prerequisite: NUR 307. This course introduces the student to the rationale and values inherent in a baccalaureate education in nursing. It enables the student to explore professional nursing practice, philosophical perspectives of nursing, legal and ethical issues relevant to practice and the changing practice environment.

312* PROFESSIONAL COMMUNICATION SKILLS

Three hours. Prerequisite: NUR 307. This course is designed to advance the interpersonal and professional communication skills of the registered nurse. Content includes: skills for effective conflict resolution, teaching, therapeutic, and transcultural communication.

316* THEORETICAL FOUNDATIONS OF NURSING

Three hours. Prerequisite: NUR 307. This course offers a study of theories and frameworks of nursing, the nursing process, client systems and related issues.

346 PROFESSIONAL ROLE DEVELOPMENT

Three hours. Prerequisite: NUR 307. This course directs the student to examine his or her personal development within the profession of nursing. It encourages and assists the student to develop leadership skills and refine life management skills. Legal and ethical issues in nursing and health care are explored and discussed.

356 TECHNIQUES FOR HEALTH ASSESSMENT

Three hours. Prerequisite: NUR 307. This course prepares the student to accurately collect and document data required for a basic health assessment of patients across the life span.

412 ADVANCED HEALTH ASSESSMENT

Three hours. Prerequisites: NUR 307 and 356. This course applies the application of holistic health assessment techniques in the collection and integration of physical and psychosocial data into the nursing process for patients across the life span.

417+ PROFESSIONAL INQUIRY

Three hours. Prerequisites: NUR 307, 316, MAT 157. This course provides students with opportunities to understand general principles and concepts of the research process in order to integrate research into professional nursing practice.

426 HEALTH PROMOTION AND WELLNESS

Three hours. Prerequisite: NUR 307. This course prepares the student to apply health promotion and wellness strategies to the care of individuals, families, aggregates and communities. Content includes health promotion, health maintenance and health education. The student will explore personal health promotion strategies.

446 HEALTH MAINTENANCE AND RESTORATION

Three hours. Prerequisite: NUR 307. This course prepares the student to apply concepts of health maintenance and restoration to the care of individuals, families and aggregates. The primary focus of this course is vulnerable populations in the community setting.

499 PROFESSIONAL NURSING PRACTICE

Six hours. Prerequisite: All prior nursing courses. This course allows the student to develop and initiate a plan of care for aggregates in the community. The plan will include concepts discussed throughout the curriculum. The student

will practice roles of provider of care, designer/manager/coordinator of care and member of a profession.

Philosophy

See Religion major with Philosophy concentration. A minor may be earned with eighteen hours.

205 PRINCIPLES OF PHILOSOPHY

Three hours. Examination of representative philosophical writings with aim of determining nature of philosophy and its relevance to perennial human problems.

206* ETHICS

Three hours. Examination of representative theories of moral conduct, with attention to their practical applications.

207 LOGIC

Three hours. Classical techniques and theory of deductive and inductive reasoning.

211 CLASSICAL PHILOSOPHY

Three hours. Survey of Western Philosophy including Pre-Socratics, Socrates, Plato, Aristotle, Neo-Platonism, Augustine, and Aquinas.

212 MODERN PHILOSOPHY

Three hours. Survey of Western Philosophy from Renaissance through 19th century including Rationalism, Empiricism, Romanticism, Idealism, Positivism, and Utilitarianism.

309 RECENT PHILOSOPHY

Three hours. Prerequisite: One other course in Philosophy. This course surveys the history of Western philosophy from beginning of the nineteenth century to the present. Among the major philosophical movements it covers are romanticism, Hegelian idealism, Marxism, existentialism, American pragmatism, analytic philosophy, Wittgenstein and ordinary language philosophy, phenomenology, deconstruction, and naturalized epistemology.

390* PHILOSOPHY OF RELIGION

Three hours. Same as REL 390. An examination of issues such as proofs for God's existence, atheistic critiques, reason and revelation, life after death, religious experience, and religious language.

421 CLASSICAL POLITICAL THOUGHT

Three hours. Major political philosophers from the Greeks to Hobbes. Same as POS 421.

422 MODERN POLITICAL THOUGHT

Three hours. Same as POS 422. Major European and American philosophers from Hobbes to the present.

Physical Education

Bachelor of Science

PHYSICAL EDUCATION: TEACHER CERTIFICATION

Refer to: "Teacher Education: Admission" in this Catalog.

Must pass "CLAST" test and maintain a 2.5 GPA in the major by end of sophomore year.

Departmental basic major requirements: Twenty-four hours including PED 275, 280, 321, 355, 360, 375, 405, and 408.

Track for Grades 6-12: PED 314, 377, 410, and two courses chosen from 315-320.

Track for Grades K-8: PED 282, 283, 284, 378, and 402.

Supportive requirements: Twenty-eight hours including EDU 206, 209, 325, 430, EXS 210, and the semester of student teaching: EDU 464 or 465, 466 or 467. (BIO 209 and 210 must be taken in fulfillment of science core requirements).

Physical Education Minor: Physical Education Minor is a coaching endorsement. Requirements: PED 275, 280, 314, 321, 335, plus two courses chosen from 315-320.

ATHLETIC TRAINING

Athletic Training Program is a program within the Physical Education Department Admission requirements:

- Available primarily to incoming freshman.
- Second application process including a supplemental application.
- Minimum 1000 SAT or 21 ACT and high school wtd. GPA 3.0 or 950 SAT or 20 ACT and high school wtd. GPA 3.2.
- Faculty phone and/or campus interview.
- Program is Competitive (limited to 10 students per year).
- Application Deadline: February 1st.
- Notification of acceptance by February 15th.
- Must have current ARC CPR/PR/FA Certification.
- **Non-Freshman** - GPA 2.75 plus scores listed above.
- **Retention:** Maintain a 2.75 GPA prior to junior year -- 3.0 major GPA. Current certification ARC, First Responder, CPR/PR and completion of all prerequisite courses on first attempt.

Major requirements: Fifty-two hours including PED 230, 232, 240, 241, 242, 250, 278, 309, 322, 323, 335, 340, 341, 342, 357, 360, 375, 410, 412, and 461.

Supportive requirements: Twelve hours including BUS 217, CHE 311, CSC 105, PSY 214. BIO 209 and 210 must be taken in fulfillment of the science core requirements.

INTERDEPARTMENTAL MAJORS:

SPORTS MANAGEMENT

Major requirements: Thirty-four hours: Eighteen hours in Business Administration including BUS 217, 306, 311, 345, 460 or 461, 499, and sixteen hours in Physical Education including PED 274, 277, 280, 380, 407, and 410. (BUS 460 or 461 requires a minimum 2.5 grade point average. If this requirement is not met, BUS 312, 315, 320, or 417 may be taken to complete major.) See Business Administration for course descriptions.

Supportive requirements: Thirty hours including ACC 201, 202, CSC 105, ECO 205, 206, MAT 157, and four courses selected from among BUS 350, COM 200, 222, 305, 307, ENG 300, PED 335, PSY 336. Recommended for Golf Course Management: HRT 207, 219, 335, and 336.

SPORTS MANAGEMENT/EXERCISE SCIENCE

A program in Business Administration for persons interested in fitness business. Major requirement: BUS 217, 306, 311, 345, 460 or 461, 499, PED 230, 274, 278, 360, 375, 380, and 410. (BUS 460 or 461, requires a minimum 2.5 grade point average. If this requirement is not met, BUS 312, 315, 320, or 417 may be taken to complete major.) See Business Administration for course descriptions.

Supportive requirement: ACC 201, 202, CSC 105, ECO 205, 206, MAT 157, plus four courses from COM 221, 222, 230, 305, 307, PED 335, PSY 214 and CSC elective.

SKILL COURSES One hour each.

105 WELLNESS MANAGEMENT

Wellness concepts and developmental activities for physical, mental, and social fitness.

202 TAE KWON DO

\$50.00 Fee. An introduction to the basic techniques and philosophy of tournament, exhibition and self-defense style Tae Kwon Do. The fee pays belt advancement testing costs.

203 SCUBA DIVING

\$50.00 fee. An introduction to Scuba by instruction, pool work, and dives. YMCA NAUI certifi-

cation. Rental equipment is available for additional fee.

204 WATER SKIING

Fundamentals of water skiing techniques, safety, boating, and care of equipment. American Water Ski Association certification will be an option.

205 BEGINNING GOLF

206 INTERMEDIATE GOLF

Prerequisite: PED 205 or permission of faculty.

210 AEROBICS

Basic aerobic dance skills, safety procedures and wellness concepts for improving health and fitness.

211 SOCCER

213 VOLLEYBALL

215 BEGINNING WEIGHT TRAINING & CONDITIONING

218 BASKETBALL

226 BEGINNING TENNIS

227 INTERMEDIATE TENNIS

Prerequisite: PED 226 or permission of faculty. Volley, smash, and lob; doubles play, strategy.

228 BADMINTON AND PADDLE GAMES

Basic skills in badminton, pickleball, and racquetball.

229 LIFEGUARD TRAINING

Prerequisite: Ability to swim 500 yards; tread water for two minutes, legs only; surface dive for a 10-pound brick; or permission of faculty. Course follows requirements for the Lifeguard Training Certificate prescribed by the American Red Cross.

307 WATER SAFETY INSTRUCTION

One hour. Prerequisite: PED 229 or American Red Cross Certification in the Emergency Water Safety Course. Identification of appropriate methods and techniques for instructing others to swim. ARC certification.

COACHING COURSES One and one-half hours each.

The following half-semester coaching courses must be signed up for at the initial fall or spring registration:

315 COACHING BASKETBALL

Prerequisite: Permission of faculty.

316 COACHING BASEBALL

Prerequisite: Permission of faculty.

317 COACHING FOOTBALL

Prerequisite: Permission of faculty.

318 COACHING SOCCER

Prerequisite: Permission of faculty.

319 COACHING SOFTBALL

Prerequisite: Permission of faculty.

320 COACHING VOLLEYBALL

Prerequisite: Permission of faculty.

PROFESSIONAL COURSES

230*+ EFFECTS OF DRUGS AND NUTRITION ON PERFORMANCE

Two hours. Emphasis is on the effects of therapeutic medications, performance enhancing drugs and the application of nutrition to enhance sports and physical activity. Attention is directed toward dietary modifications for optimal performance, including issues dealing with alcohol, tobacco, illicit drugs, and pharmacology.

232*+ MEDICAL TERMINOLOGY

One hour. Introduction to the language, rules and concepts needed to interpret and understand the terminology of medicine.

240*+ ATHLETIC TRAINING PRACTICUM - FUNDAMENTAL

One hour. Prerequisites: (majors only). This practicum teaches introduction to the profession and provides an opportunity to observe basic entry-level skills, support procedures, and techniques used by athletic trainers in handling and caring for athletic injuries.

241, 242 ATHLETIC TRAINING PRACTICUM - INTERMEDIATE

One hour each. Prerequisite: (majors only), PED 240. This practicum teaches and provides an opportunity to apply frequently utilized techniques under the supervision of certified athletic trainers.

250*+ ADMINISTRATION OF ATHLETIC TRAINING

Two hours. This course will provide students the opportunity to learn principles of organization and administration as they apply to the many different employment settings in athletic training. Students will learn about human resource issues, budgeting and financial management, facility design and planning, information management, insurance issues and legal considerations in sports medicine and professional development.

274*+ SURVEY OF SPORT

Two hours. Basic philosophical and historical foundations pertaining to developments in sport; functions and settings of organized sport; survey of career opportunities in the field.

275* FOUNDATIONS OF PHYSICAL EDUCATION

Three hours. History, philosophy, and teaching strategies in physical education and sport. Clinical experiences in the schools required.

277* FIRST AID AND SAFETY

Two hours. Emergency first aid and safety; American Red Cross CPR and First Aid Certification.

278* EMERGENCY CARE

Three hours. Prerequisite: ARC CPR/PR/FA Certification. Recognition, evaluation, and treatment of emergency injuries and management of emergency situations occurring in athletic arenas. Students will be exposed to advanced techniques and multiple clinical and field settings.

280* TEACHING TEAM AND INDIVIDUAL SPORTS

Three hours. Skills, strategy, rules, and teaching techniques of traditional sports for instructors in schools and other boating.

282* GAMES AND SPORTS FOR ELEMENTARY SCHOOL

Three hours. Basic principles for selecting games and sports and methods for directing these activities in a progressive manner for grades K-8.

283* EDUCATIONAL GYMNASTICS FOR CHILDREN

Three hours. Course designed to cover basic movement patterns upon which more refined skills of gymnastics are built; organization and supervision of gymnastic programs, grades K-8.

284 TEACHING RHYTHMIC ACTIVITIES

Three hours. Instructional materials and methods for teaching all areas of dance and rhythmic activities in the elementary school.

309 THERAPEUTIC MODALITIES

Three hours. Prerequisites: PED 241, 322. This course develops the students' basic knowledge of physics principles as related to the proper utilization of therapeutic modalities.

314 PRINCIPLES OF EFFECTIVE COACHING

Three hours. Organization and management of a sport program; use of effective communication in coaching; understanding legal and ethical issues of coaching.

321 CARE AND PREVENTION OF ATHLETIC INJURIES

Three hours. Prerequisite: PED 277 or F/A CPR Certification. Recognition and evaluation of common injuries and their prevention. Emphasis on immediate care given to traumatic injuries.

322 CARE, PREVENTION AND ASSESSMENT OF LOWER BODY INJURIES

Three hours. Prerequisite: PED 278. Recognition and evaluation of common lower body injuries and their prevention. Emphasis on immediate care given to traumatic injuries. Laboratory sessions introduce various wrapping and taping techniques in addition to basic rehabilitation procedures.

323*+ CARE, PREVENTION AND ASSESSMENT OF UPPER BODY INJURIES

Three hours. Prerequisites: PED 240, 241. This course extends the recognition and evaluation of common upper body injuries, their prevention and assessment. Students will understand athletic injury evaluation techniques for head, neck, upper extremity, and the torso. Laboratory sessions introduce various wrapping and taping techniques in addition to basic rehabilitation procedures.

335 PSYCHOLOGY OF SPORT

Three hours. Understanding and application of

the mental aspects of human performance.

340, 341, 342 ATHLETIC TRAINING PRACTICUM - ADVANCED

One hour each. Prerequisite: (majors only), PED 241, 242. This practicum provides opportunities to demonstrate mastery of injury management, and utilize advance techniques, under the supervision of a certified athletic trainer. 340 or 342 includes a high school exposure and collision sport experience.

355* ADAPTIVE PHYSICAL EDUCATION

Three hours. Adaptation of methods, equipment, and programming in physical education for exceptional students. Clinical experiences in the schools required.

357 THERAPEUTIC EXERCISE

Three hours. Prerequisites: PED 241, 242, 322, 323. Emphasis is on comprehensive therapeutic exercises used in rehabilitative programs and the integration of these exercises in the treatment of athletic injuries.

360* KINESIOLOGY

Three hours. Prerequisites: BIO 209 or 210 or permission of faculty. Examination of anatomical and mechanical concepts requisite to critical assessment, description, and qualitative analysis of human exercise, sport, and locomotive activities.

375 EXERCISE PHYSIOLOGY

Three hours. Prerequisites: BIO 209 and 210 or permission of faculty. The effects of exercise on human physiological systems.

377 SECONDARY PHYSICAL EDUCATION

Three hours. Prerequisite: (majors only), PED 275. Curriculum construction, teaching methods, class management and control, and development of lesson plans. Clinical experiences in the schools required.

378* ELEMENTARY PHYSICAL EDUCATION

Three hours. Prerequisite: (majors only), PED 275. Developmentally based physical education with emphasis on movement and skill acquisition, fitness enhancement, classroom management, curriculum and lesson planning. Clinical experiences in the schools required.

380 PLANNING AND MAINTAINING FACILITIES

Three hours. Planning and budgeting for site selection, designing, and maintaining leisure service areas and facilities.

402 MOTOR DEVELOPMENT

Three hours. Prerequisite: PED 275 or permission of faculty. Principles of motor development in children, including developmental stages, perceptual motor development, and motor learning principles. Clinical experiences in the schools re-

quired.

405 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION

Three hours. Prerequisite: PED 275 or permission of faculty. Administrative policies, standards, and practices in the physical education teaching profession with emphasis on programs, facilities, budgets, and public relations.

407+ ADMINISTRATION OF SPORT

Three hours. Prerequisite: PED 274. Foundations and applications in sport economics, sport law, sport ethics, sport marketing, and sport personnel issues.

408*+ MEASUREMENT IN PHYSICAL EDUCATION

Three hours. Prerequisite: PED 275 or permission of faculty. Statistical techniques; test construction; physical performance and affective assessment.

410+ FITNESS: INSTRUCTION AND PRESCRIPTION

Three hours. Current trends and components in health, nutrition, and fitness to prepare students to handle wellness instruction and exercise prescription.

412 SENIOR SEMINAR

Two hours. Prerequisites: (majors only), PED 322, 323. Topics include pathology, pharmacology, sports epidemiology, and statistical analysis. Includes clinical rotations in multi-health disciplines.

461 INTERNSHIP

Twelve hours. Prerequisite: (majors only) Completion of all coursework plus *current* certification in ARC CPR/PR/FA. A full semester of clinical internship at an FSC approved site, under the supervision of a certified athletic trainer or allied health professional, which is completed during the student's final semester.

Physical Science

105 PHYSICAL SCIENCE

Four hours. Does not count toward major or minor. Principles of physical science including physics, chemistry, geology, and astronomy.

Physics

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-two hours including 211, 212, 303, 304, and 499.

Supportive requirements: CHE 111, 112, MAT 211, 212, 213, 305.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

Supportive requirements, B.S. degree: Supportive area and quantitative requirements are fulfilled through requirements outside the major field stated above.

201 GENERAL PHYSICS I (NON-CALCULUS)

Four hours. Prerequisite: MAT 106. Mechanics, fluids, heat and thermodynamics, and kinetic theory.

202 GENERAL PHYSICS II (NON-CALCULUS)

Four hours. Prerequisite: PHY 201. Wave motion and sound, electricity, light, atomic and nuclear physics.

211 GENERAL PHYSICS I

Four hours. Prerequisite or corequisite: MAT 201 or 211. Introduction to Newtonian mechanics, fluids, sound, thermodynamics, and kinetic theory.

212 GENERAL PHYSICS II

Four hours. Prerequisite: PHY 211. Introduction to electricity, magnetism, AC & DC circuits, optics, atomic and nuclear physics.

240 ELECTRONICS

Four hours. Prerequisite: PHY 212 or permission of faculty. Basic DC and AC circuit theory, complex impedance techniques, diodes, transistors, operational amplifiers, Boolean algebra, and basic digital electronics.

300 SPACE PHYSICS

Three hours. Prerequisites: MAT 211 and PHY 211. Motion of rockets, orbits, and artificial satellites; two-body problem; selected topics in astrophysics; Einstein's theory of relativity.

301 THEORETICAL MECHANICS I

Three hours. Prerequisites: MAT 212, PHY 212. Mechanics, nonrelativistic and relativistic theory of particles, systems of particles, and rigid bodies treated by Newtonian methods using vector analysis.

302 THEORETICAL MECHANICS II

Three hours. Prerequisite: PHY 301. The methods of treatment will be Lagrangian, and Hamiltonian using also matrix analysis and calculus of variations.

303 MODERN PHYSICS I

Four hours. Prerequisites: MAT 212, PHY 212. An introduction to special relativity and quantum mechanics.

304 MODERN PHYSICS II

Four hours. Prerequisite: PHY 303. Topics in quantum mechanics, solid state physics, and nuclear physics.

308 MATH METHODS OF CHEMISTRY AND PHYSICS

Three hours. Same as CHE 308 and MAT 308. Prerequisites: MAT 212, PHY 212. Topics involved in applied mathematics. Some topics included are complex variables, special functions, Fourier series, integral transforms, and linear vector spaces.

320 THERMODYNAMICS AND STATISTICAL MECHANICS

Three hours. Prerequisites: MAT 212, PHY 212. Heat, the phases of matter, thermodynamic laws, and the use of statistics and physics in determining the thermodynamic properties of matter.

401 ELECTRICITY AND MAGNETISM I

Three hours. Prerequisites: MAT 212, PHY 212. Mathematically quantitative problem course in the theory of electromagnetism. Maxwell's equations are developed.

402 ELECTRICITY AND MAGNETISM II

Three hours. Prerequisite: PHY 401. Maxwell's equations are used in applications which include reflections, refraction, radiating systems, diffraction, and interference.

403 QUANTUM MECHANICS

Three hours. Prerequisite: PHY 303. The assumptions of quantum mechanics, the mathematical structure, and applications in simple systems are given.

499* SENIOR SEMINAR

One hour. Prerequisite: Senior standing. Preparation and delivery of papers based on current research. The Major Field Test will also be taken.

Political Science

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty hours including POS

115, 116, 390, one course to be selected from POS 305, 329, or 330, and one course to be selected from POS 317, 323, 324, 325, or 326.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language, three hours in philosophy, and MAT 157.

Supportive requirements, B.S. degree: MAT 157 and three hours in Computer Science plus nine additional hours from Biology, Computer Science, Criminology, Economics, History, Mathematics, Psychology, or Sociology with the approval of the advisor.

Persons meeting the Department's requirements for a major in Political Science who also complete the professional courses required by the Education Department will meet the certification requirements for teaching Political Science in the State of Florida.

115 AMERICAN NATIONAL GOVERNMENT

Three hours. Basic principles of Federal Constitution; political parties and the electoral process; the structure of the national government.

116* AMERICAN STATE AND LOCAL GOVERNMENT

Three hours. The structure, function, and politics of state, city, and county governments.

285 AMERICAN PUBLIC POLICY

Three hours. The major issues of national concern and past and present government solutions and alternative solutions; the policy making process is also examined.

305* POLITICAL PARTIES AND PRESSURE GROUPS

Three hours. The development, organization, and structure of American political parties and pressure groups and their role in decision making.

317 UNITED STATES FOREIGN POLICY

Three hours. Same as HIS 317. Development of the United States foreign policies, with emphasis on the Twentieth Century; principles, aims, applications, and decision making processes.

323 INTERNATIONAL POLITICS

Three hours. Fundamentals of international politics including techniques and instruments of power politics, sovereignty, nationalism, and international organizations.

324* INTERNATIONAL ORGANIZATIONS

Three hours. The origin and development of international organizations with emphasis on the League of Nations and the structure, organization, and function of the United Nations.

325*+ COMPARATIVE POLITICS OF EUROPE

Three hours. Comparisons of the formal structures, political parties, and actual operations of the major nations of Europe.

326*+ COMPARATIVE POLITICS OF ASIA

Three hours. The political development of the major nations of Asia and an examination of their governmental structure and political process. Emphasis is placed on China and Japan.

329 THE UNITED STATES CONSTITUTION

Three hours. The Federal Constitution and the major court decisions interpreting the Constitution.

330 CONGRESS AND THE PRESIDENCY

Three hours. The development, structure, and behavior of the United States Congress and the President in the political process.

340+ POLITICS OF INSURGENCY AND TERRORISM

Three hours. Causes of terrorism and insurgency, and the methods and goals of terrorists and insurgents in various parts of the world. Attention is also given to state-sponsored terrorism and methods of control for terrorism and insurgency. Offered summers only.

350*+ INTRODUCTION TO CANADA

Three hours. An examination of the Canadian political, social, and cultural system, together with the historical, economic, and sociological factors of that system.

390*+ THEORY AND METHODS OF POLITICAL SCIENCE

Three hours. Prerequisite: Junior or senior standing or permission of faculty. The basic approach and the methods used by the political scientist in the study of political attitudes, behavior, and values.

421 CLASSICAL POLITICAL THOUGHT

Three hours. Major political philosophers from the Greeks to Hobbes. Same as PHI 421.

422 MODERN POLITICAL THOUGHT

Three hours. Same as PHI 422. Major European and American philosophers from Hobbes to the present.

460, 461 INTERNSHIP

Three hours each. Prerequisites: Twelve hours of Political Science including POS 115, 116; Junior or Senior standing; and permission of faculty. Students compare and contrast theory and application while working on-the-job for a government agency or office.

Psychology

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-three hours including 107, 108, 305, 306, 308, and 409.

Supportive requirements: MAT 157.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in language and three hours in philosophy.

Supportive requirements, B.S. degree: Twelve hours selected from among Biology, Chemistry, Computer Science, Criminology, Economics, Mathematics, Physics, Sociology courses, and PHI

205, BUS 320 with the approval of the advisor.

107 PSYCHOLOGY AS A SOCIAL SCIENCE

Three hours. Introduction to the methods and major problem areas of psychology with emphasis on the social bases of behavior; maturation and development in childhood; personality; abnormal and social psychology.

108 PSYCHOLOGY AS A NATURAL SCIENCE

Three hours. Introduction to the methods and major problem areas of psychology with emphasis on biological bases of behavior; sensation and perception; learning and cognition.

206 SOCIAL PSYCHOLOGY

Three hours. Same as SOC 206. The behavior of individuals as related to factors in "social environment"; social influences on perceptual and conceptual processes.

207 CHILD DEVELOPMENT

Three hours. Primarily for Education majors. This course is not open to Psychology majors. The study of development from conception to late childhood will be the primary emphasis of this course. The student will learn theories of development, classic and current research, and how research from child development is applied in various settings. Biological, physical, cognitive, perceptual, language, personality, emotional, and social development are the major areas of study for this course.

208 ADOLESCENT PSYCHOLOGY

Three hours. Primarily for education majors with middle school emphasis. Physical, cognitive, personal and social development of the adolescent. The effects of puberty, peers, parents, school, and society will be explored.

209 DEVELOPMENTAL PSYCHOLOGY

Three hours. Human development from conception to death with major emphasis on childhood, adolescence and adulthood. Biological, cognitive, perceptual, language, personality, and social development are stressed.

210 PSYCHOLOGICAL TESTS AND MEASUREMENTS

Three hours. Prerequisite: MAT 157. Construction and interpretation of measuring instruments for analysis of behavior; psychometric principles of testing and a survey of representative psychological tests.

214 BEHAVIOR DISORDERS

Three hours. A behavioral approach to classical abnormal behavior with emphasis on current research.

215 PSYCHOLOGY OF PERSONALITY

Three hours. An evaluation of methods and theories of personality with emphasis on human research.

300 CLINICAL AND COUNSELING PSYCHOLOGY

Three hours. Current theories and their applica-

tion to behavior disorders; review of case studies and simulation of therapeutic techniques.

305 PSYCHOLOGY OF LEARNING

Three hours. Systematic experimental study of ways behavior can be modified; conditions which influence learning; theories explaining the learning process.

306* EXPERIMENTAL DESIGN

Three hours. Prerequisite: MAT 157. Principles and methods for design and statistical analysis of experiments; hypothesis testing and inference; analysis of variance; non-parametric techniques.

308*+ EXPERIMENTAL PSYCHOLOGY

Three hours. Prerequisite: PSY 306. Planning, designing, conducting, and reporting of research in study of behavior; emphasis on individual experiments as basis for final written thesis.

336 INDUSTRIAL PSYCHOLOGY

Three hours. The systematic observation and study of human behavior in an organizational setting; major topics will include personnel psychology, consumer behavior, human relations, and organizational behavior.

390 ANIMAL BEHAVIOR

Three hours. Same as BIO 390. Analysis of behavioral patterns and their importance in natural environments.

409 PHYSIOLOGICAL PSYCHOLOGY

Three hours. Suggested prerequisites: BIO 205 and 210. Gross neural and physiological components of behavior. Structure and function of the central nervous system as related to emotion, motivation, learning, etc.

415+ HISTORY AND SYSTEMS OF PSYCHOLOGY

Three hours. Historical survey of psychology including contributions of major "schools" of psychology; theories and their place in science; current theoretical trends.

460, 461 INTERNSHIP

Three hours each. Prerequisite: Permission of faculty. Senior Psychology majors gain supervised work experience related to the disciplines of psychology; students spend a minimum of sixty (60) hours per semester "on the job" under the supervision of a qualified staff member from the agency; placement with social service agencies.

Religion

Bachelor of Arts

Major requirements: Thirty hours including 205, 206, 208, and one course from each of the following groups (1) REL 348, 447; (2) REL 346, 445; (3) REL 425, 427.

Supportive requirements: Twelve hours or inter-

mediate proficiency in a foreign language and three hours in philosophy.

CHRISTIAN EDUCATION CONCENTRATION

Major requirements: 36 hours to include REL 205, 206, 208, 335, 348 or 447, 346 or 445, 425 or 427, 460, 461, and 9 hours chosen from REL 336, 435, 436, 437, and 440.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

It is recommended that at least two of the following education courses be chosen as electives: EDU 206, 209, 220, 226, 327, 451, and EXS 210.

Additional electives may be sought from among PSY 209, SOC 216, and SOC 307. Majors are also encouraged to elect a broad range of courses in the humanities.

PHILOSOPHY CONCENTRATION

(See Philosophy for course listings)

Major requirements: Thirty hours including PHI 205, 207, 211, 212, 309, 390 and REL 205, 206, 208, and 319.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language.

205 SURVEY OF THE OLD TESTAMENT

Three hours. The history, development, and major concepts of the Old Testament.

206 SURVEY OF THE NEW TESTAMENT

Three hours. The history, development, and major concepts of the New Testament.

208* BASIC CHRISTIAN BELIEFS

Three hours. An introduction to Christian theology, examining such concepts as Trinity, incarnation, creation, evil, resurrection, justification, Holy Spirit, and others.

319* WORLD RELIGIONS

Three hours. Origins, founders, basic concepts, and contemporary relevance of the world's living religions.

325* HISTORY OF CHRISTIAN THOUGHT

Three hours. Distinctive thinkers and themes in the history of the Christian tradition.

328 CHRISTIAN ETHICS

Three hours. Foundations and theory of the Christian way of life.

335* PRINCIPLES OF CHRISTIAN EDUCATION

Three hours. A survey in the field of Christian edu-

cation; its history, philosophy, objectives, agencies, organizations, methods, and trends.

336* RESOURCES FOR CHRISTIAN TEACHING

Three hours. Prerequisite: REL 335. A workshop in tools, techniques, and materials used in various phases of Christian education.

338* CHRISTIANITY AND THE ARTS

Three hours. The place of literature, music, architecture, and graphic and dramatic arts in the Christian tradition, past and present.

346* LIFE AND LETTERS OF PAUL

Three hours. The work and writings of the Apostle Paul as represented in the Acts of the Apostles and the Pauline epistles.

348* THE WISDOM LITERATURE

Three hours. The thought and literature of the wisdom literature in relation to traditions within the Old Testament as well as in the ancient Near East.

360* THEOLOGICAL THEMES IN CONTEMPORARY LITERATURE

Three hours. The religious themes in the major literary works of the Twentieth Century.

390* PHILOSOPHY OF RELIGION

Three hours. Same as PHI 390. An examination of issues such as proofs for God's existence, atheistic critiques, reason and revelation, life after death, religious experience, and religious language.

415* THE JOHANNINE LITERATURE

Three hours. The Gospel of John, The Johannine Epistles, and the Book of Revelation.

425* THE DOCTRINE OF GOD

Three hours. An inquiry into the doctrine of God emphasizing traditional critiques and the development of contemporary theological methods in response to those critiques.

427* CURRENT THEOLOGICAL THOUGHT

Three hours. Examination of significant theologians and movements in the development of twentieth century theological thought.

435* CHRISTIAN EDUCATION WITH CHILDREN

Three hours. Prerequisite: REL 335. A seminar designed to study the nature and practice of Christian education with children.

436* CHRISTIAN EDUCATION WITH YOUTH

Three hours. Prerequisite: REL 335. A seminar designed to study the nature and practice of youth ministry and other forms of Christian education with youth.

437* CHRISTIAN EDUCATION WITH ADULTS

Three hours. Prerequisite: REL 335. A seminar designed to study the nature and practice of Christian education in the various periods of adulthood.

440* THE BIBLE IN CHRISTIAN EDUCATION

Three hours. Prerequisite: REL 335. An examination of the role of the Bible in Christian education including hermeneutics, methods for teaching the Bible, and the significance of the Bible in the life of the Church.

445* LIFE AND TEACHINGS OF JESUS

Three hours. A study of ministry and teachings of Jesus as presented in synoptic gospel tradition.

447* PROPHETIC THOUGHT IN ANCIENT ISRAEL

Three hours. A study of the prophetic literature of the Hebrew people in relation to the history of Israel.

460*, 461* INTERNSHIP

Three hours each. Prerequisites: Senior standing and permission of faculty. A supervised laboratory experience in Christian Education programs of local churches.

Social Science

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty-six hours in the Social Sciences in addition to HIS 101, PSY 107, and SOC 101 taken to meet the three-hour history and six-hour social science CORE requirements. Of the thirty-six hours excluding those used for core, 18 are 100 and 200 level, and 18 are 300 and 400 level. The following specific courses are required: ECO 205, 206; any three-hour GEO course; HIS 102, 211, 212, 335, and 327 or 336; POS 115 or 116 and 323 or 325.

Supportive requirements, B.A. degree: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

Supportive requirements, B.S. degree: Twelve hours of quantitative courses selected in consultation with the advisor to include MAT 157; or the complete program in the Education Department required for certification in teaching Social Studies grades 6-12.

Sociology

Bachelor of Arts or Bachelor of Science

Major requirements: Thirty hours including SOC 101, 216, 370, and 406.

Supportive requirements: B.A. degree: Twelve hours or intermediate proficiency in a foreign language, three hours in philosophy, and MAT 157.

Supportive requirements, B.S. degree: Twelve hours selected with the approval of the advisor, and MAT 157.

101 INTRODUCTION TO SOCIOLOGY

Three hours. The scientific study of human groups. Basic concepts such as interaction, role, status, socialization, culture, institutions, and social change are presented in the context of modern societies.

206 SOCIAL PSYCHOLOGY

Three hours. Same as PSY 206. The behavior of individuals as related to factors in "social environment"; social influence on perceptual and conceptual processes.

216 SOCIAL PROBLEMS

Three hours. Selected contemporary American social problems, education, crime, poverty, and population are analyzed with respect to their origins, present dimensions, and possible solutions.

220 MARRIAGE AND THE FAMILY

Three hours. Cross-cultural studies, basic structural-functional analyses, premarital behavior patterns, courtship and mate selection, marital interaction processes, problems of parent-child relationships, and the future of the family in society.

300 SPORT, LEISURE, AND SOCIETY

Three hours. Analysis of the social functions of leisure and sport in relationship to other social institutions; examination of major social problems affecting both leisure and sport.

302*+ SOCIOLOGY OF DEVIANCE

Three hours. Examines social processes in defining deviance, becoming deviant and changing deviance, including culture, social class, vested and power interests, organizational structures, social institutions, stigma, and labeling.

305* RACE, CULTURE, AND HUMAN RELATIONS

Three hours. The sociological meaning of race and minority group status in American society; specific minority groups will be studied.

307* SOCIOLOGY OF RELIGION

Three hours. Sociological analysis of religion as a universal phenomenon; problems of definition, function, and social change applied to contemporary perceptions of religion.

309 URBAN SOCIOLOGY

Three hours. Unique features of urban communities; historical background of modern urbanism; changes and adjustments in values and organization; concerns of urban planning in American and world cities.

310 AFRICAN-AMERICAN STUDIES

Three hours. An examination of the social institutions of the African-American community and the relationships with the larger American society. Focus is on the family as well as religious, political, and cultural institutions. Both historical and contemporary issues are considered.

320+ LAW AND SOCIAL CHANGE

Three hours. Prerequisite: SOC 101. Critical examination of leading theorists, legal case studies of social change, directions of change, and projection of future trends.

336* GERONTOLOGY

Three hours. The psychological, physiological, social, and cultural theories and issues of the aging process and the effects upon the individual, family, and society.

337* DEATH AND DYING

Three hours. Integrates information and theories of death and dying from the social, psychological, anthropological, medical, and legal disciplines. Various perspectives integrate attitudes toward terminal illnesses, natural death, funeral rites, and euthanasia.

370+ METHODS OF SOCIAL RESEARCH

Three hours. Same as CRM 370. Prerequisite: Twelve hours in Sociology and MAT 157. Application of the scientific method in the study of social phenomena: research design, sampling, measurement, data collection, and analysis.

406*+ SOCIOLOGICAL THEORY

Three hours. Prerequisite: SOC 101. A comparative study and critique of social thought and sociological theories. Special study is made of major sociological theories of the 19th and 20th centuries and the role of theory in empirical social science.

460, 461 INTERNSHIP

Three hours each. Prerequisite: Permission of faculty. A supervised work experience in a community or social service facility to apply sociological or social work concepts and to integrate learning with actual application in the field.

Theatre Arts

Bachelor of Arts

Major requirements: Thirty-four hours, including THE 103, 104, 201, 202, 203, 204, 211, 223, 303, 305, 401, and 402, plus a minimum of 50 hours of production work per semester.

Performance concentration, additional requirements: THE 111, 113, 301, 302, 304, MUS 143 through 344, ENG 305 or 306, and 325.

Technical concentration, additional requirements: THE 222, 421, 424, ART 102, 103, 315, ENG 305 or 306 and 325.

Supportive requirements: Twelve hours or intermediate proficiency in a foreign language and three hours in philosophy.

Minor requirements: Twenty-one hours, including twelve hours in 100 and 200 level courses, and nine hours in 300 and 400 level courses.

103 STAGECRAFT

Three hours. Instruction in set construction and technical theatre.

104 PRODUCTION PRACTICE

Three hours. Practical laboratory experience.

109 INTRODUCTION TO THE THEATRE

Three hours. A basic guide through the theatre as an art form; a study of various types of plays and the differences in performance styles.

111* THE ACTOR'S VOICE

Three hours. Fundamentals of voice production and the study of the voice as a performance instrument. Students will learn the proper ways of producing vocal sounds through study of the voice mechanism and the International Phonetic Alphabet.

113 MOVEMENT FOR THE STAGE

One hour. Workshop format presenting basic theatre movement patterns. The student will also receive some instruction in basic dance technique and dance combinations.

201* INTRODUCTION TO ACTING

Three hours. Basic introduction to the Stanislavsky method of actor training; exercises and scene work to heighten awareness of body and voice.

202* INTERMEDIATE ACTING

Three hours. Prerequisite: THE 201 and permission of faculty. A continuation of THE 201. Acting exercises; individual and group improvisational techniques introduced to help the student find the relationship between inner life and physical expression; monologue work.

203* LIGHTING FOR THE STAGE

Three hours. Basic instruction in stage lighting techniques, and in the use of light as an artistic medium; circuitry, uses of instruments, dimmers, and the light board.

204 COSTUMING FOR THE STAGE

Three hours. A survey of costume history and construction; rudiments of sewing and tailoring; lab requirements for mainstage productions.

211 MAKEUP FOR THE STAGE

One hour. An introduction into the basic skills of theatrical makeup. Course is designated to teach the basic skills of two-dimensional painting; however, students will be instructed in three-dimensional techniques.

sional techniques.

222* DRAFTING FOR THE STAGE

Three hours. Mechanical drawing techniques are practiced, including drawing-board geometry, scale and dimensions, and perspective.

223* SCENE DESIGN

Three hours. Prerequisites: THE 103, 104 or permission of faculty.

Introduction to the study of designing scenery for the stage in theory and practice. Execution of 0 ground plans, sketches, renderings, and practical work in preparing scenery for the stage.

301* ADVANCED ACTING

Three hours. Prerequisite: THE 202. Intensive work in the fundamental process of preparing a role, including self-knowledge, textual-analysis, and performance of scenes. The student will also work on building characters through the rehearsal process.

302* ACTING: ADVANCED SCENE STUDY

Three hours. Prerequisite: THE 301. An introduction to Shakespeare in performance and an emphasis upon language as a key to understanding character motivation.

303* INTRODUCTION TO DIRECTING

Three hours. Prerequisite: Permission of faculty. Basic directing techniques including script analysis, composition, movement, and rehearsal procedures; directing projects.

304 DIRECTING FOR THE THEATRE

Three hours. Prerequisite: THE 303. Criticism and evaluation of plays and the fully realized production of a one-act play.

305 THEATRE MANAGEMENT

Three hours. Designed to familiarize the student with the function of the theatrical producer. Such topics as theatrical contracts, box office operation, arts fund-raising, and community and press relations will be discussed.

401 HISTORY OF THE THEATRE TO 1660

Three hours. A survey of theatre history from ancient Greece to Restoration England; its playwrights, actors, theatres, dramatic literature, and practices.

402 HISTORY OF THE THEATRE SINCE 1660

Three hours. A survey of theatre history from Restoration England to the 20th century; its playwrights, actors, directors, theatres, dramatic literature, and practices.

421, 422 THEATRE PRACTICUM

Three hours each. Prerequisites: Senior status and permission of faculty. Theatre Practicum allows students to pursue areas of special interest through individual and group projects and under close faculty supervision. A tutorial in this practicum is included.

424* ADVANCED SCENE DESIGN

Three hours. Prerequisites: THE 222 and 223. Students complete assignments in the conceptual analysis and fulfillment of projects covering a wide variety of genres as a corollary portfolio of professional caliber is developed.

Women's Studies

201 INTRODUCTION TO WOMEN'S STUDIES

Three hours. Taught by a team of professors from different disciplines, this class presents a variety of perspectives about the roles of women in such diverse fields as art, biology, business, criminology, economics, history, law, literature, music, philosophy, political science, psychology, religion, and sociology. In the liberal arts tradition, students learn about both basic issues in women's studies and the rudiments of various scholarly perspectives. Collections of readings in each discipline, which represent past and present contexts, form the basis for discussion. When appropriate, a textbook may be used to provide continuity.

301 WOMEN IN CONTEMPORARY AMERICAN CULTURE

Three hours. The course brings together academic areas in an interdisciplinary effort to explore the roles, images and contributions of women in contemporary American culture. The common threads are the roles of women in producing culture and the cultural production of women's roles and images. While contemporary culture is the focus, each segment of the course is built upon relevant historical foundations. Full-participation classes are designed to bring the individual topics together in synthesizing analyses.

Master of Business Administration Post-Baccalaureate Courses

"Students without an undergraduate degree in Business Administration or Accounting may be required to take certain undergraduate courses as prerequisites for 600-level courses".

Master of Business Administration Graduate Courses

ACCOUNTING

Admission to 600 level courses in Accounting (except ACC 610) is limited to students who hold an undergraduate Bachelor's degree with a major in Accounting or its equivalent.

601 ADVANCED FINANCIAL ACCOUNTING

Three hours. The study of the theoretical foundations of accounting. The course will be conducted in seminar format with emphases on research and developing abilities to communicate results effectively.

603 ADVANCED AUDITING

Three hours. Prerequisite: BUS 504 or an undergraduate computer course. Designed to provide professional knowledge of auditor's responsibilities, internal controls, audit evidence, audit reports, statistical sampling, and auditing EDP.

604 CORPORATE TAXATION

Three hours. Study of the taxation of corporations and their shareholders; tax-free incorporation; corporate liquidation; related party transactions; subchapter S corporations; and related topics.

605 ADVANCED MANAGERIAL ACCOUNTING

Three hours. The use of accounting information in planning, control, and special decision making including the topics of leasing and capital budgeting.

606 INCOME TAX PLANNING AND RESEARCH

Three hours. Tax law and its implications in business with emphases on tax planning and research.

610 MANAGERIAL ACCOUNTING AND CONTROL

Three hours. The use of accounting data in management decision making and control with emphases on volume, cost, profit analysis, budgeting, performance evaluation, and product costing. *Course not open to students who are pursuing the M.B.A. Accounting Concentration.*

611 TAXATION OF ESTATES, TRUSTS, AND THE GIFT TAX

Three hours. The study of income tax problems as related to trusts and estates and beneficiaries. The difference between simple and complex trusts and distributable net income. The use of the gift tax and trusts in estate planning is emphasized.

BUSINESS ADMINISTRATION

601 MARKETING AND MANAGEMENT: PROBLEMS AND POLICIES

Three hours. Prerequisite: Undergraduate courses in marketing or BUS 505. Marketing industrial and consumer goods; the general management role of the chief executive officer. Case studies emphasized while reviewing goals and policies, as well as pricing, product strategy and promotional tools; marketing research techniques and strategic planning concepts; impact of marketing on a product life cycle.

602 ORGANIZATIONAL BEHAVIOR AND COMMUNICATION

Three hours. Prerequisite: Admission as a degree candidate or BUS 501 and ECO 501. A study of organizational culture and its influence on organizational behavior, employee attitudes, productivity, and business operations. Includes study of interpersonal and group processes, communication theory, and organizational design and restructuring.

603 BUSINESS ETHICS

Three hours. Prerequisite: Admission as a degree candidate or BUS 501 and ECO 501. Decision making in contemporary organizations; historical philosophic systems and their contributions to man's rationalization of "what is right." Current value systems affecting decision making; societal response (stockholders, taxpayers, governmental legislation) as it is affected by organization decisions.

604 FINANCIAL MANAGEMENT: ADVANCED STUDIES

Three hours. Prerequisite: Undergraduate courses in corporate finance and accounting or ACC 501 and BUS 502. Advanced case studies including in-depth analysis of selected topics such as valuation theory and the investment, financing, and dividend decisions of the firm.

605 MANAGEMENT SCIENCE

Three hours. Prerequisite: BUS 503 or satisfactory performance on a departmental examination. Advanced treatment of operations research methodology, with emphasis on applications of network, linear programming, scheduling, and queuing decision models to business management.

606 MANAGEMENT INFORMATION SYSTEMS

Three hours. Prerequisite: BUS 504 or a recently completed computer course providing both basic computer concepts and skills in productivity software use. How managers use and create computer systems to support the management functions of planning, organizing, staffing, directing, and controlling.

610 HUMAN RESOURCES MANAGEMENT AND INDUSTRIAL RELATIONS

Three hours. Prerequisite: Admission as a degree candidate or BUS 501 and ECO 501. Utilization and development of human resources within the organization; student research into current and future personnel problems and issues. Additionally, a thorough analysis of the managerial problems that arise in the administration of the union relationship, its impact upon the employment relationship, and the government regulatory setting for collective bargaining are examined.

614 MACRO-FINANCE

Three hours. Prerequisite: Undergraduate courses in economics or BUS 503 and ECO 501 or equivalent. An analysis of income, employment, inflation, interest rates, and growth as impacted by monetary and fiscal policies. Special emphasis on financial markets, financial intermediaries, and the Federal Reserve System.

620 BUSINESS MANAGEMENT SEMINAR

Three hours. Prerequisite: All other graduate courses in M.B.A. program, or permission of faculty. A comprehensive, interdisciplinary seminar which gives students the opportunity to integrate their knowledge to formulate and implement strategies, policies, and action plans from the viewpoint of general management. The application of concepts will be stressed in light of the organization's total environment.

ECONOMICS

601 MANAGERIAL ECONOMICS

Three hours. Prerequisites: Undergraduate courses in economics or BUS 503 and ECO 501 or equivalent. An examination of fundamental economic concepts such as supply and demand, marginal analysis, production, and competition, coupled with the use of mathematical and statistical tools for the manager.

603 INTERNATIONAL ECONOMICS

Three hours. Prerequisite: Undergraduate courses in economics or ECO 501. International trade and finance; analysis of current trade theory emphasizing resource allocation and trade patterns in open markets. Additional trade topics include protective tariffs and other barriers, and international and regional trade organizations; theory and policy of finance relation to foreign exchange markets and world monetary relations.

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Thomas A. Horan	Manager of Computer Services Group
G. Timothy Hurner, Jr., B.S., M.S.	Director of the Citrus Institute
William F. Jones, B.A.	Assistant Vice President of Development
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Billy C. Langston, B.S.	Director of Annual Funds
Marsha McCrary Leap, B.S., M.S.	Director of the Career Center
Brenda K. Lewis, B.A., M.Div.	Chaplain
Brenda S. Lewis	Coordinator of Multicultural Affairs
Mathew A. McElfresh, B.S.	Institutional Research Assistant
Linda D. Moser, B.A., M.S.	Director of Community Service and Student Judicial Affairs
Jeffrey K. Norris, B.S.	Admissions Counselor
Sherrie A. Nosal	Assistant Director of Financial Aid
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J. Deryl Ouzts, B.S.	Associate Director of Admissions
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Kelly F. Roberts, B.S., M.S.	Senior Director of Wellness
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W. Alan Smith, B.A., M.Div., D.Min., Ph.D.*	Assistant Dean for Academic Affairs
Lee Stauffer, B.S.	Swim Coach
William B. Stephens, Jr., A.A., B.S.	Academic Advisor to Athletes
Shari A. Szabo, B.A.	Director of Public Relations
Sally L. Thissen, B.S.	Registrar
John L. Thomas, B.S.	Director of Institutional Research and Director of Internal Controls
Homer William (Bill) Walker, B.S., M.S.	Coordinator of External Programs
Ellen L. Walsh, B.S.	Assistant to the Registrar
Pamela B. Yarbrough, B.S.	Dir. of Community and Corporate Develop- ment

*Until Dec. 31, 2000 **As of Jan. 1, 2001

ACADEMIC CHAIRS AND PROFESSORSHIPS

An important academic tradition in American higher education is the appointment of distinguished members of the faculty to endowed chairs and professorships. Florida Southern College's academic progress has been enhanced by a program to fund chairs and professorships. Thus far, generous contributions from foundations, corporations, and individuals have established:

The William F. Chatlos Professorship in Business and Economics

The Chatlos Foundation
Mr. Wendell E. Hulcher, 1983-1993
Dr. Carl C. Brown, 1993-Present

The Jessie Ball duPont Chair in the Natural Sciences

The Jessie Ball duPont Foundation
Dr. Howard L. Dinsmore, 1981-1988
Dr. John L. Spencer, 1989-1999
Dr. Laurence L. Campbell, 1999-Present

The Nelson C. White Chair in the Life Sciences

The International Minerals and Chemical Corporation
Dr. Margaret L. Gilbert, 1981-1998
Dr. John R. Tripp, 2000-Present

The John and Ruth Tyndall Chair in Citrus Sciences

Mrs. Ruth Tyndall in honor and memory of John Tyndall
Dr. Rubert W. Prevatt, 1981-1999
Future Chair to be Determined

The Pendergrass Chair in Religion

In honor of Bishop E. J. Pendergrass
Dr. Hugh Anderson, 1986-1988
Dr. John J. Carey, 1988-1989
Dr. Walter P. Weaver, 1989-1997
Future Chair to be Determined

The Wilhelmina MacDonald Chair in Music

In memory of Mrs. Wilhelmina MacDonald
Mr. Robert M. MacDonald, 1985-Present

The Charles and Mildred Jenkins Chair in Mathematics

In honor of Charles and Mildred Jenkins
Dr. Albert P. Sheppard, 1989-2000
Future Chair to be Determined

The John and Eleanor Miller Chair in Communications

In honor of John and Eleanor Miller
Dr. William H. Turpin, 1991-1994
Dr. George T. Crutchfield, 1994-1995
Dr. Russell Barclay, 1997-2000
Dr. George T. Crutchfield, 2000-2001

The Nina B. Hollis Chair in Education

The William M. & Nina B. Hollis Foundation
Dr. Jack E. Haynes, 1992-Present

The Dorotha C. Tanner Chair in Ethics in Business and Economics

In honor of Dorotha C. Tanner
Dr. Joan G. Buccino, 1994-Present

The George and Dorothy Forsythe Chair in Advertising

In honor of George and Dorothy Forsythe
Mr. William E. Gregory, 1999-Present

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1934	John Taylor	1968	Wendell Phillips
1935	Peter Tomasello	1969	Andy Griffith
1936	Alfred G. Wagg	1970	Lord Caradon
1937	Frank D. Jackson	1971	Mary Duke Semans
1938	Doyle E. Carlton	1972	Harry J. Heeb
1939	R. B. Gilbert	1973	Charles C. Edwards
1940	Sir Wilfred Grenfell	1974	George W. English
1941	J. H. Therrell	1975	Bob Hope
1942	R. A. Gray	1976	Ruth Springer Wedgworth
1943	T. T. Scott	1977	Cushman S. Radebaugh
1944	John Z. Fletcher	1978	Earl J. McGrath
1945	H. E. Wolfe	1979	Walter Cronkite
1946	G. D. Runnels	1980	Edna Pearce Lockett
1947	L. A. Raulerson	1981	Jerome Hines
1948	J. A. Guyton	1982	Arnold Palmer
1949	F. W. Coffing	1983	E. Cardon Walker
1950	Daniel J. McCarthy	1984	Gerald R. Ford
1951	Michael M. Engel	1985	Terrel H. Bell
1952	Cyril Lord	1986	Thomas S. Monaghan
1953	Joseph R. Fazzano	1987	Terence Hardy Waite
1954	L. Frank Roper	1988	Jack M. Berry
1955	Hy Jordon Sobiloff	1989	Robert Shaw
1956	George W. Jenkins, Jr.	1990	Charles H. Jenkins, Sr.
1957	Ben Hill Griffin, Jr.	1991	Ernest L. Boyer
1958	Harry Silett	1992	John Marks Templeton
1959	Rosamond Chadwick	1993	Lynne V. Cheney
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1961	Sam M. Fleming	1995	J. Lanier Upshaw
1962	Charles C. Parlin	1996	Burton Stone
1963	Milburn P. Akers	1997	Chris Wallace
1964	Mrs. Kent S. McKinley	1998	Robert James Waller
1965	Mrs. T. G. Buckner	1999	Robert F. Kennedy, Jr.
1966	John W. Donahoo	2000	Beverly Wolff

**THE FACULTY
2000-2001**

<p>Thomas L. Reuschling 1994 President B.A., Hiram College M.B.A., Kent State University Ph.D., University of Colorado</p>	<p>Stacey E. Boyette 2000 Assistant Professor of Chemistry B.S., East Carolina University Ph.D., University of Florida</p>
<p>Nancy J. Aumann 1996 Vice President and Dean of the College Professor of History A.B., Hope College M.A., Ph.D., University of Wisconsin-Madison</p>	<p>Carl C. Brown 1980 Professor of Economics B.S., Florida Southern College M.A., University of South Florida Ph.D., Oklahoma State University Appointed in 1993 to the William F. Chatlos Professorship in Business and Economics</p>
<p>William G. Albrecht 1996 Associate Professor of Mathematics B.A., M.A., Ph.D., University of South Florida</p>	<p>Alexander M. Bruce 1998 Assistant Professor of English Assistant Dean of Academic Affairs (as of January 1, 2001) B.A., M.A., Ph.D., University of The South</p>
<p>Patrick R. Anderson 1986 Professor of Criminology B.A., Furman University M.Div., Southwestern Baptist Theological Seminary Ph.D., Florida State University</p>	<p>Joan G. Buccino 1979 Professor of Economics Chair, Division of Social Sciences A.B., Wellesley College M.Ed., Boston State College Graduate, Harvard-Radcliffe Program in Business Administration Ph.D., University of South Florida Appointed in 1994 to the Dorothea C. Tanner Chair in Ethics in Business and Economics</p>
<p>Florence A. Babcock 1991 Associate Professor of Education B.A., M.Ed., University of Central Florida Ed.S., Ed.D., University of Florida</p>	<p>Paula R. Buck 1981 Associate Professor of English B.A., Ursinus College M.A.T., Lehigh University Ph.D., University of South Florida</p>
<p>Robert H. Baum 1982 Professor of Biology B.A., Goddard College M.S., Ph.D., University of Florida</p>	<p>Lawrence R. Burke 1987 Assistant Professor of Music B.A., Florida Southern College M.M., University of Michigan</p>
<p>James F. Beck 1996 Assistant Professor of Theatre Arts B.A., Hiram College M.F.A., Ohio University</p>	<p>Richard R. Burnette, Jr. 1962 Professor of Psychology A.B., Randolph-Macon College B.D., Emory University M.S., The College of William and Mary, Richmond Professional Institute Ed.D., Florida State University</p>
<p>Kathleen M. Benn 1966-74, 1975 Associate Professor of Physical Education B.S., M.A., Murray State University</p>	<p>Thomas D. Burns 1996 Assistant Professor of Chemistry B.S., Dickinson College M.S., Vanderbilt University Ph.D., Vanderbilt University</p>
<p>Peter V. Bias 1988 Associate Professor of Business Administration & Economics B.A., Ph.D., University of Cincinnati</p>	
<p>Barbara A. Block 1989 Associate Professor of Education B.S., M.S., State University of New York-Plattsburg Ph.D., Florida State University</p>	

Laurence L. Campbell	1971	Beth M. Ford	1968
Professor of Biology Chair, Division of Natural Sciences A.B., M.A., Miami University Ph.D., University of Illinois Appointed in 1999 to the Jessie Ball duPont Chair in the Natural Sciences		Assistant Professor of Art B.A., M.A., University of South Florida	
Lynn H. Clements	1990	Nora E. Galbraith	1998
Assistant Professor of Accounting B.S., M.B.A., Florida Southern College C.P.A., State of Florida C.M.A., Institute of Management Accountants C.F.M., Institute of Management Accountants		Resource Sharing Librarian B.A., College of Staten Island-CUNY M.A.L.S., University of South Florida	
Walter J. Coleman	1988	Jose M. Garcia	1999
Assistant Professor of Business Administration B.A., Davidson College M.B.A., Nova University		Assistant Professor of Spanish B.A., Montclair State College M.A., Ph.D., University of Arizona	
Bruce W. Darby	1989	Carmen Valdez Gauthier	1999
Professor of Psychology B.A., Millsaps College M.A., M.A., Ph.D., University of Florida		Assistant Professor of Chemistry B.S., Pontifical Catholic University of Peru Ph.D., University of New Hampshire	
Lisa H. Daniel	1997	Barbara M. Giles	1986
Assistant Professor of Education B.A., M.A., Ed.D., University of New Orleans		Professor of Political Science B.A., University of Massachusetts M.A.C.T., Ph.D., University of Tennessee	
James M. Denham	1991	William E. Gregory	1999
Professor of History B.S., M.A., Ph.D., Florida State University		Assistant Professor of Communication B.S., Florida State University M.Ed., University of South Florida Appointed in 1999 to the George and Dorothy Forsythe Chair in Advertising	
Paul B. Eberle	2000	John L. Griffis, Jr.	1988
Associate Professor of Economics and Business Administration B.S., M.S., Texas A & M Ph.D., University of Missouri, Columbia		Associate Professor of Citrus and Horticulture B.A., B.S., B.S., M.S., Texas Tech University Ph.D., University of Florida	
Costas J. Efthimiou	1999	John R. Haldeman	1972
Assistant Professor of Physics B.S., University of Athens M.S., Ph.D., Cornell University		Professor of Biology B.S., M.S., Northern Arizona University Ph.D., University of Arkansas	
Catherine R. Eskin	1999	Cindy A. Hardin	1988
Assistant Professor of English B.A., Rutgers University M.A., Ph.D., University of Texas at Austin		Associate Professor of Business Administration B.S., Florida Southern College J.D., Stetson University	
Rita E. Fandrich	1968	Marie M. Hardin	1998
Associate Professor of Music B.M., Cornell College M.M., Indiana University		Assistant Professor of Communication B.A., Ambassafor University M.A., Georgia State University Ph.D., University of Georgia	
Mary M. Flekke	1982	Sara Fletcher Harding	1997
Instructional Services Librarian A.B., M.S., St. Cloud State University		Assistant Professor of Religion B.A., Nebraska Wesleyan University M.A.R., Iliff School of Theology Ph.D., Marquette University	

<p>Henry C. Hartje, Jr. 1965-1968, 1971 Professor of Mathematics B.S., University of Central Arkansas M.E., University of Mississippi M.A., Louisiana State University Ed.D., University of Georgia</p>	<p>Luis A. Jimenez 1992 Associate Professor of Spanish A.A., Brevard College B.A., High Point College M.A., University of North Carolina Ph.D., The Johns Hopkins University</p>
<p>Jack E. Haynes 1979 Professor of Education B.A., Adams State College M.S., Ed.D., Northern Illinois University Appointed in 1992 to the Nina B. Hollis Chair in Education</p>	<p>R. Frank Johnson 1972 Professor of Religion and Philosophy Chair, Division of Humanities A.B., University of Alabama M.Div., Duke University Ph.D., Emory University</p>
<p>Kenneth D. Henderson, Jr. 1999 Assistant Professor of Mathematics B.A., Knox College M.Ed., University of South Florida Ph.D., University of Florida</p>	<p>Jo A. Jossim 1999 Assistant Professor of Music B.M.Ed., University of South Florida M.A., University of Denver Ph.D., Florida State University</p>
<p>Francis R. Hodges 1978 Professor of History B.A., Wake Forest University M.A., Emory University Ph.D., University of Tennessee</p>	<p>William C. Juchau 1980 Professor of Business Administration B.S., U.S. Military Academy M.S., George Washington University Ed.D., Nova University</p>
<p>Davis R. Holland 1981 Professor of Education B.A., Presbyterian College M.Ed., Furman University Ph.D., Florida State University</p>	<p>Gayle S. Kent 1983 Professor of Mathematics B.S., University of North Alabama M.S., University of Mississippi Ph.D., University of South Florida</p>
<p>Duane L. Hopkins 1982 Associate Professor of Business Administration B.A., Otterbein College M.B.A., Harvard University</p>	<p>Eric W. Kjellmark 1996 Assistant Professor of Biology B.S., DePauw University M.S., Miami University Ph.D., Duke University</p>
<p>Keith L. Huneycutt 1987 Associate Professor of English A.A., Brevard College B.A., M.A., Ph.D., University of North Carolina</p>	<p>Eugene R. Lebreuz 1987 Professor of Economics and Business Administration B.B.A., Upsala College M.B.A., Seton Hall University M.A., Ed.D., Northern Illinois University</p>
<p>Sandra L. Ivey 1968 Professor of Psychology B.A., Stetson University M.A., Ph.D., Emory University</p>	<p>Richard W. LeVene 1987 Associate Professor of Theatre Arts B.A., University of Nebraska M.F.A., University of Georgia</p>
<p>Mossayeb Jamshid 1990 Professor of Physics and Astronomy B.S., Tehran University M.A., Georgetown University Ph.D., University of Colorado</p>	<p>Randall M. MacDonald 1986 Collection Development Librarian B.A., University of Alabama M.S.L.S., Florida State University</p>
<p>Daniel D. Jelsovsky 2000 Assistant Professor of Mathematics B.S., M.A., University of South Florida Ph.D., Florida State University</p>	

Robert M. MacDonald	1964	Andrew L. Pearson	1990
Artist in Residence B.A., University of North Carolina M.M., Indiana University Arts Diploma, Musikakademie, Vienna Appointed in 1985 to the Wilhelmina MacDonald Chair in Music		Director of the Library B.A., Wheaton College M.L., University of South Carolina M.A., Western Michigan University	
Malcolm M. Manners	1981	N. Curtis Peterson III	1998
Professor of Citrus and Horticulture A.B., Anderson College M.S., Ph.D., University of Florida		Associate Professor of Citrus and Horticulture B.S., Florida Southern College M.S., The Pennsylvania State University Ph.D., Mississippi State University	
Sheila F. Marks	1995	Mary Ferguson Pharr	1986
Assistant Professor of Nursing B.A., University of South Florida B.S., Daemen College M.S., Ph.D., State University of New York at Buffalo		Professor of English B.S., Eckerd College M.A., Ph.D., Vanderbilt University	
Sharon K. Masters	1987	Edwin L. Plowman	1978
Associate Professor of Sociology A.A.S., State University of New York-Alfred B.A., M.A., Ph.D., State Univ. of New York- Buffalo		Professor of Sociology B.A., North Carolina State University Th.M., Ph.D., Boston University	
Kathleen Milburn	1995	Arthur J. Pranno	1995
Assistant Professor of Education B.S., M.A., Northeast Missouri State University Ph.D., University of Missouri		Assistant Professor of Music B.M., University of Iowa M.M., Arizona State University	
Nancy M. Morvillo	1997	Bernard W. Quetchenbach	1999
Assistant Professor of Biology B.A., University of Delaware Ph.D. State University of New York at Stony Brook		Assistant Professor of English B.S., M.A., SUNY-Brockport Ph.D., Purdue University	
Carole R. Obermeyer	1998	Benjamin H. Reuter ATC/L, CSCS	1999
Vice President for Student Life Assistant Professor of Education B.S., Peru State College M.Ed., Ph.D., University of Missouri		Assistant Professor of Physical Education Athletic Training Clinical Educator B.A., Gettysburg College M.S., Old Dominion University Ph.D., Auburn University	
Harold E. O'Leary	1977	Susan Serrano Rinker	1997
Professor of Business Administration B.S., Florida State University M.B.A., University of Central Florida D.B.A., Florida State University		Assistant Professor of Mathematics B.S., M.S., Middle Tennessee State University Ph.D., Auburn University	
William J. Otremsky	1999	James G. Rogers, Jr.	1992
Assistant Professor of Art B.F.A., Edinboro University M.F.A., University of Pennsylvania		Associate Professor of Art A.B., M.A., Ph.D., University of Missouri- Columbia	
Paula K. Parsche	1980	Lawrence E. Ross	1994
Associate Professor of Music B.A., Florida Southern College M.M., University of South Florida		Associate Professor of Business Administration B.A., Florida State University M.B.A., Ph.D., Georgia State University	

John E. Santosuosso	1970	Diane W. Stahl	1991
Professor of Political Science B.A., Ursinus College M.A., Clark University M.Div., Louisville Presbyterian Theological Seminary Ph.D., University of Florida		Associate Professor of Music B.A., Florida Southern College M.M., Indiana University M.M., Yale University	
Rebecca R. Saulsbury	1999	John L. Stancil	1998
Assistant Professor of English B.A., University of Puget Sound M.A., Ph.D., Purdue University		Associate Professor of Accounting B.A., Mars Hill College M.B.A., University of Georgia D.B.A., University of Memphis	
Peter H. Schreffler	1996	Sue A. Stanley-Green, ATC/L	1999
Assistant Professor of English B.A., Geneva College M.A., Ph.D., Bowling Green State University		Assistant Professor of Athletic Training B.S., Ohio State University M.S., Purdue University	
Daniel Silber	1997	S. Anne Stewart	1999
Assistant Professor of Philosophy B.A., The George Washington University M.A., Ph.D., Vanderbilt University		Assistant Professor of Nursing B.A., Seton Hill College M.S.N., University of Florida Ph.D., Boston College	
Desiree E. Sladky	1998	Katherine G. Straw	1974-1988, 1990
Catalog Librarian B.A., M.A.L.S., University of South Florida		Associate Professor of Physical Education B.S., M.Ed., University of Pittsburgh	
Claudia S. Slate	1989-1990, 1991	A. Rand Sutherland	1976
Associate Professor of English B.A., University of Missouri-Rolla M.A., Ph.D., University of South Florida		Professor of History B.A., Oberlin College B.D., M.A., Ph.D., University of Chicago	
Risdon N. Slate	1993	Robert H. Tate	1982-89, 1990
Associate Professor of Criminology B.S., University of North Carolina - Charlotte M.C.J., University of South Carolina Ph.D., Claremont Graduate School		Vice President for Development Associate Professor of English B.A., M.A., Virginia Polytechnic Institute and State University Ph.D., Florida State University	
Larry J. Sledge	1985	Timothy R. Toops	2000
Professor of Music B.M., M.M., Southern Illinois University Ph.D., Florida State University		Assistant Professor of Education B.S., Indiana Wesleyan University M.S., Wright State University Ph.D., Miami University	
W. Alan Smith	1987	John R. Tripp	1971
Professor of Religion Assistant Dean for Academic Affairs (Through December 31, 2000) B.A., Florida State University M.Div., Vanderbilt University D.Min., Vanderbilt University/University of the South Ph.D., School of Theology at Claremont		Professor of Biology B.S., Oregon State University M.S., Ph.D., Ohio State University Appointed in 2000 to the Nelson C. White Chair in the Life Sciences	
David F. Snodgrass	1989	Michael W. Way	2000
Assistant Professor of Communication A.B., M.A., University of Chicago		Associate Professor of Computer Science B.A., M.Ed., Ph.D., University of South Florida	

<p>Christopher T. Weaver 1976 Professor of Psychology A.B., Trenton State College M.A., Ph.D., University of Virginia</p>	<p>Beverly Wolff 1981 Artist in Residence University of Georgia Academy of Vocal Arts of Philadelphia</p>
<p>Jamie N. Whited ATC/L 1998 Assistant Professor of Athletic Training Athletic Training Program Director B.S., M.S., Ed.D., The University of Tennessee</p>	<p>N. Allen Wuertz 1969 Associate Professor of Mathematics B.A., Glassboro State College M.Ed., Temple University</p>
<p>C. Jeffery Wiley 1976 Assistant Professor of Business Administration B.S., Florida Southern College M.B.A., Indiana University</p>	<p>Victoria V. Wuertz 1994 Assistant Professor in Communication B.A., Florida Southern College M.A., Florida State University</p>
<p>W. Waite Willis, Jr. 1978 Professor of Religion B.A., Florida Southern College M.Div., Ph.D., Emory University</p>	

INTERCOLLEGIATE HEAD COACHING STAFF

<p>Chuck E. Anderson 1983 Head Coach of Baseball Adjunct Faculty, Physical Education B.S., Florida Southern College M.Ed., Rollins College</p>	<p>Timothy K. Gray 1995 Head Coach of Men's Tennis Adjunct Faculty, Physical Education A.A., Anderson College B.A., Washington College</p>
<p>Chris Bellotto 1982 Head Coach of Softball Adjunct Faculty, Physical Education B.S., Florida Southern College M.A., University of South Florida</p>	<p>Susan M. Kane 2000 Coordinator of Athletic Health Care Adjunct Faculty, Physical Education B.S., Mount Union College M.P.T., University of Maryland Baltimore</p>
<p>L. Robert Davis 1997 Head Coach of Women's Golf Adjunct Faculty, Business & Economics B.S., University of Kentucky M.B.A., Florida Southern College</p>	<p>Vicky Martin 1999 Head Coach of Women's Tennis Adjunct Faculty, Physical Education B.S., Oral Roberts University M.S., University of Tulsa</p>
<p>Alby L. Dawson 1995 Head Coach of Men's and Women's Cross Country Adjunct Faculty, Physical Education A.B., Morehead State University M.A., Georgetown College</p>	<p>Kris D. Pahl 1993 Head Coach of Men's Soccer Adjunct Faculty, Physical Education B.S., Florida Southern College M.S.S., United State Sports Academy</p>
<p>R. Abigail Dondanville ATC/L 1997 Head Women's Trainer Adjunct Faculty, Physical Education B.A., St. Andrews Presbyterian College M.S., Indiana State University</p>	<p>Christine Rizzieri 1998 Head Coach of Women's Soccer Adjunct Faculty, Physical Education B.S., Salem College M.S., Syracuse University</p>
<p>Diane M. Foli 1997 Head Coach of Women's Basketball Adjunct Faculty, Physical Education B.S., College of Saint Mary M.A., University of Nebraska-Omaha</p>	<p>Steven Upthegrove ATC/L 1999 Head Men's Trainer B.S., University of Wisconsin M.S., University of Tennessee at Chattanooga</p>
<p>M. Gordon Gibbons 1987 Head Coach of Men's Basketball Adjunct Faculty, Physical Education B.S., Springfield College M.A., University of South Florida</p>	<p>Lois E. Webb 1977 Head Coach of Women's Volleyball Adjunct Faculty, Physical Education B.S., Florida State University M.Ed., University of Central Florida</p>
<p>Douglas P. Gordin 1995 Head Coach of Men's Golf Adjunct Faculty, Physical Education B.A., Ohio Wesleyan University M.A., University of Alabama</p>	

The complete list of current adjunct faculty members is maintained
in the Office of the Vice President and Dean of the College.

FACULTY EMERITI

<p>W. Downing Barnitz 1961 Professor of Art B.F.A., University of Georgia B.S.E., M.F.A., Temple University</p>	<p>Rubert W. Prevatt 1970-1999 Professor of Citrus B.S.A., M.S., Ph.D., University of Florida Appointed in 1981 to the John and Ruth Tyndall Chair in Citrus Sciences</p>
<p>John W. Cook 1961-1987 Professor of Religion A.B., Union College S.T.B., S.T.M., Th.D., Boston University</p>	<p>Wesley W. Ryals 1964 Associate Professor of English B.S., Samford University M.A.T., Duke University</p>
<p>Howard L. Dinsmore 1981-1988, 1966-1988 Professor of Chemistry B.A., Johns Hopkins University Ph.D., University of Minnesota Appointed to the Jesse Ball duPont Chair in the Natural Sciences</p>	<p>Donna M. Stoddard 1937-1981 Associate Professor of Art B.S., Florida Southern College Art Institute of Pittsburgh M.Ed., Pennsylvania State University D.H.L., Philanthea College</p>
<p>Gale L. Doak 1976-1997 Assistant Professor of Art A.B., Alabama College M.A., George Peabody College/Vanderbilt University</p>	<p>Louise Templeton 1954-1986 Professor of Accounting B.Ed., Southern Illinois University M.S., University of Colorado C.P.A., State of Florida</p>
<p>Margaret Lois Gilbert 1954-1998 Professor of Biology B.S., University of Rhode Island Ph.D., University of Wisconsin Appointed in 1981 to the Nelson White Chair in the Life Sciences</p>	<p>Ben F. Wade 1973-1977; 1985-1996 Vice President and Dean of the College Professor of Religion B.A., Bridgewater College M.Div., United Theological Seminary S.T.M., Boston University M.S., Columbia University Ph.D., Hartford Seminary</p>
<p>Samuel Woodrow Luce 1941-1942; 1946-1984 Associate Professor of Physical Education B.S., M.S., Florida Southern College</p>	<p>Walter P. Weaver 1972-1997 Professor of Religion A.B., B.D., Duke University Ph.D., Drew University Appointed in 1989 to the Pendergrass Chair in Religion</p>
<p>Thomas B. Mack 1951-1981 Professor of Citrus and Horticulture B.S.A., M.Ed., University of Florida</p>	<p>Melvin E. Wooton, Jr. 1960-1984 Professor of Theatre B.S., Florida Southern College M.A., Indiana University</p>
<p>Jose R. Martinez 1965-1992 Professor of Spanish and French Ed.D., Havana University M.A., Middlebury College Ph.D., Florida State University</p>	<p>Robert Lee Zimmerman 1960-64; 1965-1992 Professor of English B.A., College of Wooster M.A., Lehigh University Ph.D., Duke University</p>
<p>Mary Virginia Peaslee 1969-1997 Professor of Education B.A., Carson Newman College M.A., University of South Florida Ph.D., Florida State University</p>	

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THE COLLEGE CALENDAR 2000-2001

FIRST SEMESTER

August 31	Orientation and Registration: New Students
September 5	Classes Begin 8:00 A.M.
September 11	Final Day for Registration CLAST
October 24	Mid-Term Grades Due in Registrar's Office
November 2	Final Day to Drop Courses Without Penalty
November 21	Thanksgiving Recess Begins 9:30 P.M.
November 27	Thanksgiving Recess Ends 8:00 A.M.
December 11-14	Final Examinations
December 16	Mid-Year Commencement
December 16	Christmas Holidays Begin

SECOND SEMESTER

January 8	Orientation and Registration: New Students
January 9	Classes Begin 8:00 A.M.
January 15	Final Day for Registration CLAST
February 27	Mid-Term Grades Due in Registrar's Office
March 2	Spring Holidays Begin 5:00 P.M.
March 12	Spring Holidays End 8:00 A.M.
March 12	Final Day to Drop Courses Without Penalty
March 26-30	Founders Week
April 13	Good Friday
April 23-26	Final Examinations
April 29	Baccalaureate and Commencement

MAY TERM

April 30-May 25

SUMMER SESSIONS

April 30-May 25	Summer Session I
May 28-June 22	Summer Session II
June 2	CLAST
June 25-July 20	Summer Session III



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